



The QCWA Journal

Volume 37, No. 4

Winter, 1988

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Mc Lean Great - See You in QSO Party

Portland, Oregon -- A great time was had by several Board members at this great meeting. All of the chapters in the Northwest took part in making certain that we had a great time and gave us a chance to work for QCWA too. More than 30 new members were signed and much regular member business transacted. A story appears in this issue of the Journal.

McLean, Virginia -- The QCWA Convention, held during September, 1988, turned out to be a tremendous success. If there was a single complaint it was certainly keep secret. We heard nothing but flattering remarks about the location, facilities and programs. This issue of the Journal has a story on the meet and a number of pictures taken of those who were in attendance.

Washington, DC -- Stuart Meyer, W2GHK has filed comments in connection with FCC D88-139 (having to do with restructuring of the Rules pertaining to the Amateur Service

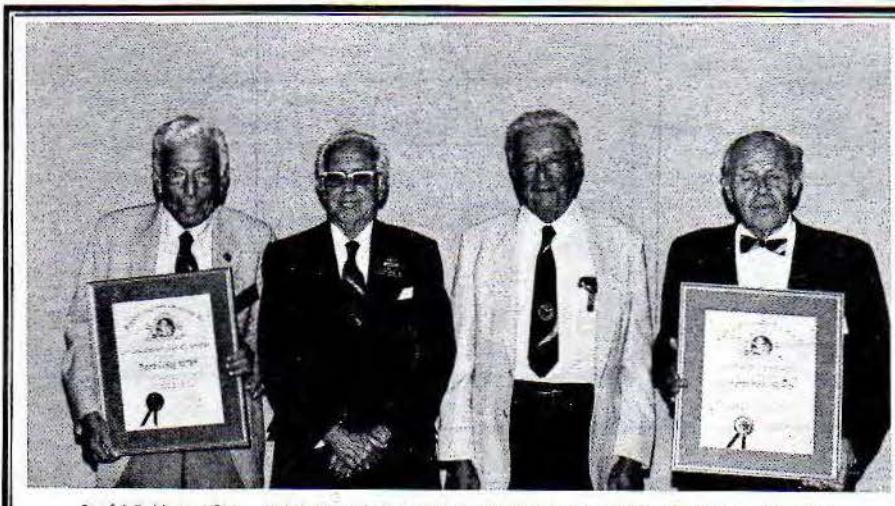
(Part 97). A document was prepared for the signature of President Leland Smith and filed on November 29, 1988.

Marlboro, MA -- Onie Woodward prepared rules governing operation in the 1989 QSO Parties. The Rules have been printed in this issue of the Journal. CW Party in February, Phone Party in March. You will want to take part in these enjoyable events - read the rules in this issue of the Journal and make plans.

Irving, TX -- The QCWA arrangement with American Express, Mastercard and Visa, making it possible for members to pay dues, purchase supplies and so on has proven quite popular. It is a specially nice way for our International Members to avoid the need to get special US Fund money-orders, etc. We are arranging to include Discover Card service too, since a number have asked for it. We expect Discover to be available in a few weeks.

Irving, TX -- The QCWA Board of Directors are conducting a poll to get some input from members regarding their opinion on proposals to accept some sort of associate membership in QCWA. A second part of the poll is to obtain membership opinion as to the desirability of election of QCWA Directors on the basis of areas rather than election by all members at large. Read the information on Page 117, fill out and return the poll as soon as you possibly can.

Irving, TX -- Election of Officers and Directors will occur in 1989. The Nominating Committee has essentially completed its work. A listing of nominees is presented on Page 126.



David Talley, W2PF Ralph Hasslinger, W2CVF Frank Lester, W4AMJ Clarence Seid, W2KW
QCWA No. 4 QCWA No. 23 QCWA No. 13 QCWA No. 31

QCWA Charter Members, Honored Guests at the McLean, Virginia meeting, September, 1988. 41 years ago these men participated in the first meeting of QCWA on December 5, 1947. David Talley, at Left, receiving the QCWA Distinguished Service Award. Clarence Seid, W2KW, at right, receiving the QCWA John DiBlasi Award.

QCWA ON THE AIR MEETING

CW, each Wednesday Evening

8:00 PM, Eastern Time, 7035 khz

NCS Alternating - W5QU / W4PI

QCWA ON THE AIR MEETING

PHONE, SSB, each Sunday Afternoon

2000 GMT, 14347 Khz,

NCS - W6FQ

QCWA HEADQUARTERS ADDRESS

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Irving, TX 75061-552
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Quarter Century Wireless Association, Inc.



HONOR AWARDS

QCWA HALL OF FAME

1980	MR. RAY MEYERS, W6MLZ
1981	MR. BILL HALLIGAN, W9AC
1982	MR. BARRY GOLDWATER, K7UGA
1983	MR. JEAN-B. WOLFF, LX1JW
1984	MR. DON WALLACE, W6AM
1986	MR. GEORGE STERLING, W1AE
1987	MR. VICTOR CLARK, W4KFC

DISTINGUISHED SERVICE AWARD

1975	MR. A. L. WALSH, W2BW
1979	MR. MARK DEVANEY, K4IDC
1988	MR. DAVID TALLEY, W2PF

MEMBER OF THE YEAR

1979	MR. ED TROMBLEY, W8CAM
1981	MR. LEW SIECK, K4NE
1982	MR. HERB GLEED, W6FQ
1984	MR. BERT GUNN, W5FU

ROLL OF HONOR

1981	MR. JOHN DiBLASI, W2FX
1981	MR. GUS GIRONDA, W2JE
1985	MR. BUD WAITE, W2ZK
1986	MR. EARL THOMAS, W2MM
1986	MR. RALPH BARBER, W2ZM
1987	MS. ETHEL SMITH, K4LMB

JOHN DIBLASI AWARD

1984	MR. HAL SEARS, W5NC
1986	MR. OWEN GARRIOTT, W5LFL
1988	MR. CLARENCE SEID, W2KW

The QCWA Journal

Volume 37, No. 4

Winter, 1988

OUR PRESIDENT'S MESSAGE

Recently, I was reminded of the many modes and frequencies available to radio amateurs. Yet notwithstanding the many privileges amateurs now enjoy, Novice Enhancement and Volunteer Examining are not bringing new amateurs into the hobby as rapidly as originally anticipated.

Many of you read the article by Carole Perry, WB2MGP, in the Fall, 1988 QCWA Journal. Carole tells me she has received more than fifty letters and cards from QCWA members expressing interest in her techniques for bringing amateur radio into the classroom.

I think there is a message for us here. Chapter and individual QCWA members should investigate the possibility of working through local school officials in demonstrating amateur radio and promoting the idea of introducing studies and workshops which could lead to more radio amateurs.

One principal reason for our being as an organization is to promote amateur radio communications. Introducing amateur radio to our young through the schools is an opportunity which I hope many of you will explore.

/s/ Leland Smith, W5KL

Wishing you
an old fashioned

Merry Christmas

and best wishes for the New Year

PAST PRESIDENTS

Mr. John DiBlasi, W2FX*	1947-1964
Mr. Earl R. Thomas, W2MM*	1965-1968
Mr. Clarence Seid, W2KW	1969-1971
Mr. Barry Goldwater, K7UGA	1972-1973
Mr. Frank A. Gunther, W2ALS	1974-1977
Mr. Harry S. Gartsman, W6ATC	1978-1981
Mr. Stuart Meyer, W2GHK	1982-1985

EXECUTIVE SECRETARY/GENERAL MANAGER

Mr. Ralph Barber, W2ZM*	1955-1964
Mr. Gus Gironda, W2JE	1965-1973
Ms. Ethel Smith, K4LMB	1973-1976

Ted Heithecker, W5EJ
J. R. Neelands, W6DLL
Harry Neben, W9QB
Nadine Wells, W5ZUT
Ruth Chance, K5YL
Herb Lipson, W8FBH
Joseph E. Ash, W9ODV
Clarence King, Jr., K6HPW

General Manager
Books & Publications
Funtest Editor
Office Secretary
Office Secretary
Computer Editor
Cartoonist
Life Member Rcrd

1988-1989 QCWA OFFICERS AND DIRECTORS

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Esther Given, W6BDE, Director 117 La Granada, Moss Beach, CA 94038	415 728 3110
Fred Hammond, VE3HC, Director 81 College Ave, Guelph, ON N1G 1S2	519 822 2960
Arthur Kay, WSAPX, Director 104 Hampshire, Box 241-C, Shelbyville, TN 37160	615 684 3554
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Lew McCoy, W1ICP, Director 200 Idaho St, Silver City, NM 88061	505 388 4862
Stuart Meyer, W2GHK, Director 2417 Newton St, Vienna, VA 22180	703 281 3806
Leo Meyerson, W0GFQ, Director 69911 Via Del Sur, Cathedral City, CA 92234	619 321 1138
Hal Sears, W5NC, Director PO Box 38245, Houston, TX 77088	713 367 0552

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OPINION

QCWA Convention, 1989

This is a preliminary report on the 1989 National QCWA Convention to be hosted by Baton Rouge Chapter 109, located in Baton Rouge, LA

DATE: Thursday, October 19, 1989

QCWA Board of Directors meets in closed session entire day

Friday and Saturday, October 20 and 21, Open Convention

LOCATION: Baton Rouge Hilton - Hwy I-10 at College Drive, Baton Rouge, Louisiana

RATES: \$50.00 single, \$55.00 double occupancy.

There will be a toll-free number for your convenience in making your Convention reservations with the hotel. The Hilton also provides hourly shuttle service between the Baton Rouge Metro Airport and the hotel. Baton Rouge Chapter will also provide transportation if you have a special arrival time or problem.

PREVIEW: Friday night sing-along with Leo, W0GFQ and cash bar.

Saturday morning breakfast with prize drawing. Tickets for this activity on sale at registration desk.

Saturday night banquet, Guest Speaker, prizes and good fellowship. Registration ticket is all that is needed to be eligible for these prizes.

Saturday Ladies tour (OMs welcome) lasting approximately 5 hours. Comfortable coach will pick up at the Hilton - a visit to two ante-bellum plantations - and a meal at LaFittes Landing (a huge raised cottage said to have been frequented by pirate Jean LaFitte. Cottage built in 1797!

There'll be much more information in the Spring, 1989 QCWA Journal. Now's the time to begin planning on attending this most special QCWA Convention - Come to the Bayou Country and have a great time!

THANK YOU, VIC CLARK CHAPTER 91 A JOB WELL DONE!

On this page you will find the first notice of the 1989 QCWA Convention to be held in Baton Rouge, LA, under the sponsorship of Baton Rouge Chapter No. 109.

It seems appropriate at this time to walk backward a bit and talk a minute about the McLean 1988 Convention. Vic Clark Chapter were sponsors of that event, chaired by Jack Kelleher, W4ZC and Elmer Jones, K4EUX, we were treated to what must be one of the very finest QCWA gatherings in our history. The entire Chapter worked together to make the meeting memorable with fine programs, forums and fellowship. I have attended all QCWA meetings with exception of the Scottsdale meeting, since 1970 and have never been more impressed than with arrangements and the overall well being present throughout the McLean 1988 Convention. A resounding cheer must be given to Chapter 91 - named to honor Victor Clark, W4KFC, who would certainly have been proud of those who worked for all of QCWA at McLean.

We were able to take a few pictures while at McLean, and they are presented on the spread (pages 128 - 129) in this issue of the Journal. Look them over and see what you missed if you were unable to attend.

Among those present were several of our Founders....those who attended the very first meeting ever held in connection with QCWA. Their picture has been placed on the front cover of this issue of the Journal. David Talley, W2PF (4); Ralph Hasslinger, W2CVF (23); Frank Lester, W4AMJ (13) Clarence Seid, W2KW (31). The Ladies were well represented with Mary Ryden, K8ONV, Onie Woodward, W1ZEN and Elizabeth Zandonini, W3CDQ present and active in the Convention activities. A number of Honor Awards were presented by President Leland Smith, W5KL and as always, we depend on Leo Meyerson, W0GFQ for a major part in the Convention.

A very important part of the Annual Convention centers around the deliberations of the QCWA Board of Directors. The Board met for a good 12 hours of concentrated deliberation on matters that had been set on the agenda. A brief report of the Boards actions appears in this issue of the Journal on pages 109-110. Read through the report and see just what transpired at this important meeting. All Committees made their reports on actions taken during 1988. Before the meeting came to an end Committees charged with carrying out certain tasks in 1989 were named. The list of committees and those serving on them appears on page 107 of this issue.

A number of important matters were considered. Among those having impact on membership was modification of the QCWA Dues structure as it affects our International Members. The modification was made in response to requests by our Canadian Members to see what could be done to provide them with QCWA information via the QCWA Journal. The dues structure had been modified in 1986, to reduce the membership fee substantially by not providing QCWA publications to our International Members. This has been found to be counter-productive. International members must have access to the QCWA Journal to receive information on activities, meetings, on-the-air schedules and on the general well being of the organization. Two other matters were discussed and it was finally judged appropriate to go to membership to determine their feelings with respect to two propositions - (1) establishing an associate class of membership and, (2) establishing a program whereby QCWA Directors would be nominated and elected by areas. This matter had been studied by a Board Committee earlier. The Board responded to requests by some members to provide a means by which membership as a whole might have a part in deciding these important issues. The Board has prepared information about the proposals and a polling ballot for members to use to transmit their preferences. This material may be found on Page 109 of this issue of the Journal.

All in all, McLean 1988 was a landmark meeting. QCWA Chapter 109, Baton Rouge will be hard pressed to equal it but, knowing the Chairman, El Charlton, W5MD, and the members of Chapter 109, you may be sure that you won't be disappointed in Baton Rouge, 1989! Start your plans on attending!

EDITORIAL WOOLGATHERING

In the past several issues of the QCWA Journal the Editor has expressed his opinion regarding the need for a relatively large influx of new amateur radio licensees. During the past several months I have been re-visiting thoughts and opinions expressed in an effort to clear way chaff. The upshot of this re-thinking process has resulted in confirming that we do indeed need a great number of new amateurs. On every front evidence gathers that amateurs are no longer a part of the establishment - that is - we were on the scene long before the Department of Commerce, The United States Navy or the United States Army or, the Federal Radio Commission or the FCC began to become aware of radio communication and the regulations needed to protect its utility and insure fairness to all citizens. In the beginning years 1912 - 1930, amateurs were an honored breed. We were indeed at the so-called cutting edge of technology. We were leading the way and our law-makers saw us in that light. We were protected, coddled perhaps, but in any event accepted as a valuable asset to the industry and to our Nation. I see this position as a valued partner, earned by years of dedicated effort by our pioneers, nearly all of whom were amateurs, giving away to a feeling that amateurs are a "damn nuisance" impeding the growth of industrial radio communications. That we no longer are capable of

OPINION

WOOLGATHERING (Continued)

making a worthwhile contribution to the art. Oh yes, a degree of lip-service is still extended to amateurs, but it is superficial at best.

As evidence of those things observed, we have been, I believe, taken in by the thought that if we take over our licensing procedures by administering our own examinations that we will be contributing to the welfare of the amateur service. . . . not to mention the reduction of expenses by the FCC - money which it may then spend in ways which may not profit the Amateur Service. I see the trend to remove (1) licensing administration; (2) issuance of Calls; (3) acceptance of profanity on the air; (4) 10 year licenses; (5) refusal to enforce regulations and so on, as evidence that we are being kicked out of the nest. No longer can we expect to be on the inside, a charter partner of government regulators of radio communication policy and development. To me the handwriting seems fairly clear - the past no longer has weight when hard decisions are to be made in connection with radio regulation.

If this perceived trend is indeed true, even in part, then Amateurs will be forced to resort to power tactics whenever efforts are made to either restrict or eliminate our privileges. If there is no recognition of amateurs as a national asset, then amateurs, to survive, must compete all-out with other users of radio-frequency spectrum. Compete against all industrial users, all military users, all broadcasting users. Amateurs being what they are simply are not geared to this sort of gang-warfare. We believe, because we have always been a part of the establishment, so to speak, that we will always be taken care of. That as citizens, our rights will not be lost to industry, to the military or to anything else, short of the national needs in wartime. As I see it, this protected status is slipping away rapidly. Oh yes, we do, from time to time get a tenth of a megahertz of spectrum space, unrelated to any other bands we might have, handed to us. Our forty-meter band goes to propaganda broadcasting (not all of which comes from Asia or Europe) and we are given a tad at 10 Mhz as a sop. I do not like it because fragmentation is a sure way to achieve elimination.

If the perceived trend continues, then it will indeed be necessary to improve our political punch. More amateurs must be enrolled, but how? No-code is a possibility but, as I review my thinking, what if we get another million hams - unless they hold with our traditions and unless they are willing to stand for what the existing amateur fraternity stands for, we will find that numbers alone simply are not the answer either. I have little doubt that we can enroll a million new hams in 10 years with no code. . . . but will they be amateurs that hold firm to those things that have made the service not only a national asset, but a honorable fraternity? I simply do not know. I do feel that learning Morse has nothing to do with the stature of an amateur - but, if we are to eliminate that requirement then we must put into the requirements for licensing a very severe technical competence test, a very severe requirement for knowledge of legal requirements and of even more importance than the others - a proof of a licensee's knowledge of the need of social awareness. That a good amateur is a Gentleman/Gentlewoman, thoughtful and considerate of others always! Seems like we may have only mutually exclusive options.

In my viewpoint Amateur Radio is in the midst of a difficult time. The needs of the nations industrial complex are important - jobs and the ability of our manufacturing and service industries to compete and to provide needed service at a reasonable cost cannot be tossed off as simply "power grabs by industrialists" or, as "pay offs or give-a-ways" by government agencies. Taking this stand is stupid. There can be little doubt that by-and-large our Federal Communications Commission is staffed by dedicated and sincere people. In like vein, industrialists are not fascists - they, like we amateurs, are fighting for what they believe is necessary to compete and succeed. If we are to flourish in that rough and tumble arena, then we must unite and support an organization that will represent the Amateur Service in the best possible manner. I did not intend to push for the ARRL when this diatribe began but, facing the facts, the ARRL has served amateur radio well - not perfectly, but then who's perfect? If we are to survive we must grow strong and have good representation. The League is adapted for this - has a proven track record. Time grows short - now is the time to forget pet peeves or perceived wrongs, join, support and get active in ARRL/QCWA activities. Run for office, nominate, elect and support good candidates. Let your voice be heard, stand up and be counted! Tomorrow may be too late!

SCURRILOUS ATTACKS UNJUSTIFIED

Larry Oldfield, WA9RTE
1050 Crescent Boulevard, Glen Ellyn, IL 60137

"I am only a recent member of your fine organization, but felt after reading your commentary in the Fall issue of the Journal, that I had to respond to your scurrilous and inaccurate musing on attorneys. I have been an amateur radio operator for 28 years and have been an attorney for 15 years. Therefore, I believe I know a little something of both subjects.

I have never seen such a raucous response to the recent FCC opinion on 220-225 MHz. If nothing else, there is a note of hypocrisy in the "day late and a dollar short" commentary since activity in that spectrum let alone on that band has appeared to be marginal countrywide at best. Whether you disagree with that statement or not, your comments that 'Government Bureaucrats, mostly attorneys, will gradually snip bits and pieces of our spectrum, granting it to wealthy industrial users who can afford to pay whatever the price be,' is not only inaccurate, but a subjective conclusion not supported by any factual data. That is the type of comment from the amateur radio community which is counterproductive to the amateur radio service generally, guaranteeing that it will fall on deaf ears where the decisions are made.

Your second comment, in answer to a letter, stated that 'most regulations are now written by attorneys whose decisions often appear to be politically oriented.' The first part of that statement is like saying that most heart transplants are done by surgeons. The second part may or may not be true, but certainly the persons who promote the subject matter of regulations are from all walks of life. I would suggest that your remarks suggest strongly a personal bias against the legal community and is spoken more out of frustration and a knee jerk reaction than from personal knowledge.

Finally, I would like to say that nothing in the amateur radio service should ever replace the quality of the individual members of this select group. To seek merely a quantity of people from all walks of life, without setting any standards, or minimal standards, is the best and fastest way to ruin the amateur radio community that we all love. Although there is nothing magical about code proficiency, and its use is certainly limited in today's world, it does provide a certain mark of expertise and can be of critical importance in communications when other modes of radio communications fail. I personally have never had any trouble with Morse code, but have had to memorize the license manual and, schematic diagrams which I know nothing about, in order to obtain my advanced Amateur license that I hold today. I trust that I will be able to retain enough memory for a period of time to obtain my Extra Class license in the near future."

Editors Note: Apologies are extended to all Attorneys - attorneys enjoy the same affection tendered to physicians. . . for some reason we don't seem to see them as friends until such time as we 'really' need them. The statements made by the editor were based on perceived, not documented circumstances. Having worked with and through the FCC from 1950 through 1985 in a semi-professional position, I am of the old school in which actions in hearings, proposed rule makings, and so forth, were based on thorough, documented engineering studies prepared by qualified engineers. These studies were provided to legal experts who wrote opinions and prepared final filings before the Commission. The attorneys provided two important services - they often guided the path(s) of the engineering studies and, they provided the necessary interface between engineering and the FCC. In the Docket 87-14 matter, it is my understanding that the FCC prepared the filing - its basic material, which may have been based on good solid engineering studies, was denied to those who opposed its opinions - it found loopholes to allow normal procedural rules to be abandoned and, nowhere could I find a professional engineering study of need by either commercial or amateur interests presented in the Docket. Quite a number of experienced people tend to see the Commission as being dominated by legal experts working without the factual engineering studies deemed necessary by many of us, as a basis for legal actions affecting such sensitive areas as re-allocation of the life blood of amateur radio - our allocated electro-magnetic spectrum space.

OPINION

MORE ON WOOLGATHERING

As we set in the "ivory tower" considering aspects of amateur radio, occasionally what seems like a great idea comes bubbling up out of the chaos. Not often do these "great ideas" prove to be great, or even passable but they may at least be worth throwing out for comment.

I would like to recommend that you go back and re-read the letter written by David Wiesen, K2VX, in this issue of the Journal, on page 111. This letter's last line struck home -- in speaking of being a ham -- "It made me special!" -- and so it did.

We who became amateur radio operators many years ago can well remember, we were kids but, to our peers and to our parents as well as other adults, WE WERE WIZARDS! This was true even if the extent of our knowledge was hooking up a Ford coil. The world held radio communication to be a miracle, with only a few understanding or even believing it to be possible. As a youngster, we took to it like it was sugar-coated. IT MADE US SPECIAL.

Today that no longer holds. The general populace has daily contact with weather satellites, with instant satellite relays of sporting or news events from around the world. Many uninitiated are perfectly capable of putting a coaxial connector on a cable to fix their cable-TV termination -- the newness has long worn off. It no longer makes one SPECIAL to be a ham.

We moan and groan about not bringing more amateurs into the hobby. Perhaps part of the cause is that we don't take time to make them feel SPECIAL. I have felt for some time that bringing in new hams, particularly young hams, could be greatly facilitated by eliminating the Morse code requirement in licensing. I still feel that there would be a noticeable influx but, as I think of the matter more, I wonder. Certainly we all know that a youngster (I identify those 17 and under as such) cannot be daunted by the code requirement. Any alert youngster can learn the symbols in a couple of evenings of easy study. Another six weeks of practice 15 to 30 minutes a day and he can take 8 to 15 WPM without difficulty. (This goes for those over 17 too, but it is just a tad more difficult for them to concentrate when the baby is yelling bloody murder, or the xyl wants you to mow the lawn). I cannot believe that the code requirement really holds anyone wanting to be a ham, out of the fraternity. What then does? Could it be that we need to find ways of making a prospective amateur know that he can indeed become special? If so, then ways should be found to see that becoming an amateur is an achievement to be proud of, and that having achieved it, we are indeed SPECIAL!

Perhaps we don't make enough of the successful entry of a new ham into our fraternity. He/she should be feted, not forgotten! What can we do to make a new ham feel SPECIAL and, whatever that may be should likewise be used as a bait to make prospective hams feel that they too can become SPECIAL when they get licensed!

THE ARRL 1988 NATIONAL CONVENTION

OFFICERS, BOARD MEMBERS & GM

ATTEND PORTLAND ARRL CONVENTION - AND WORK!

At the instigation of Jim Walsh, W7LVN, Secretary of QCWA, several members of the staff of QCWA Officers, Directors and Headquarters Office trekked out to Portland to take part in the 1988 ARRL National Convention.

The meeting turned out to be productive beyond our fondest dreams. The Committee in charge of affairs at Portland headed by Al Berg, WB7SIC, provided a fine, centrally located booth for QCWA to meet and greet members who might come by and, incidentally, to recruit new members too. All of the

(See Pictures on Page 139!)

arrangements were handled by the Convention Committee and we were made to feel not only that we were welcome, but that they appreciated the fact that we were there.

The booth was literally swamped by visitors, well-wishers and potential new members. It was pretty difficult to find time to visit the head - but it was worth it. The booth was manned, in the main, by Leland Smith, W5KL; Jim Walsh, W7LVN and Ted, W5EJ. During the two days we were actively working we were able to meet hundreds of QCWA members and to enlist more than 30 new members to our organization as well as to serve a large number wishing to renew memberships. A vast number of membership applications were passed out which will be finding their way to HQ as time goes on.

QCWA Directors Arthur Kay, W5APX and Lew McCoy, W1ICP, were on the scene. Lew was a part of the program set-up and thereby unable to participate in the booth activities to any great extent. Arthur was involved in working to enlist support in his drive to get members fired up to write their representatives in congress in connection with the legal aspects of some of the actions before the Commission.

On Saturday, September 10, QCWA had a luncheon meeting - it was scheduled to hold 170 persons - we could have used space for 250! The luncheon was great, the program was great and enjoyed by all. The Saturday evening Banquet was filled to overflowing and the speaker of the evening was Dr. Tony England, W0ORE. Tony is the Astronaut-Ham who, in 1985, communicated with amateurs via slow-scan TV from earth orbit for the first time. ARRL President, Larry Price, W4RA spoke to those attending. QCWA Member Barry Goldwater, K7UGA was awarded the AEA Ambassador of the Year Award for 1988. The ARRL Award, International Humanitarian of the Year was issued to Father Marshall Moran, 9N1MM. The Banquet was maintained on course by Master of Ceremonies, Greg Milnes, W7AGQ!

CAN YOU HELP?

QCWA Headquarters is in sore need of callbooks arranged alphabetically by last name. Over the years a number of these special callbooks were published. We do not have a list of the years for which they appeared, but that is of little importance - we need them all.

We are engaged in setting up a project which will get us in touch with QCWA members who, for one reason or another, become inactive. We want to write to them and invite them back - to become a part of a vital part of amateur radio. To do this we need callbooks arranged by name for indexing, since so many have changed to new calls in recent years.

If you have such callbooks, regardless of years, please send them to QCWA HQ. We'll reimburse your postage costs - if sent via regular mail "book-rate" the cost is very nominal. Won't you please check into your stock of callbooks and send us whatever you have.

Buckmaster Publishing has, in recent years also provided a service listing of amateurs by last name on microfiche. We are capable of reading such films, and if you have any of these, of any year at all, please send to them QCWA, Inc.....we'll put them to good use!

Thanks, Gang!

- W5EJ -



OPINION

NO CODE EXAMINATION FOR WOMEN

Walker Coffey, W5NCB
1306 South Lamar, Oxford, MS 38655

Thanks for stirring us up with your "No Code" opinion in the Summer, 1988 QCWA Journal. The comments on that idea in the Fall issue are thought provoking, very good. You have us thinking about where we need to be and how to get there. Maybe our experience qualifies us to speak on this issue. We have "been on the air" for 65 years, involved in nearly all phases of our wonderful hobby which is on the move. We have operated under the calls of 5AOL, W4CJI, W2TFD, W0EY0 and presently W5NCB.

The premise is that we want to increase our numbers because it appears essential in this age of the political. It is suggested that the increase could be accomplished with a "No Code" license exam. We believe there is a way to increase the number of ham operators without upsetting all us "old fogies".

This "old fogie" believes that it would be a mistake to have an across the board elimination of the code requirement. A compromise is in order, however. Our suggestion is a "No Code" examination for all women. The women hams are an outstanding group of operators. History has shown us that women are a powerful force in our society.

As all of us know this is not a man's world anymore. We, as a fraternity, have possibly overlooked the power of women. We believe that a significant increase in the number of women ham radio operators would greatly enhance our fraternity. Theoretically, if each ham today helped the spouse get a license, our numbers would be doubled. The twenty-first century is upon us. How can we afford to continue down the same old tunnel of the past?

ASSOCIATE MEMBERSHIP

Henry Schickler, W2ICW
16-18 163 Street, Whitestone, NY 11357

Associate Members, "has its time arrived?" This is not a new proposal. Several times in the past, Board Members have rejected this idea. At this last National Convention in McLean, Virginia, the idea arose again. It became a real hot topic of discussion. What has caused this proposal to surface again? First, concern for our low membership figure. Those of you who look at the new member lists published in our Journal think our membership is over the 22,000 mark. Sadly this is not the case. The number of dropouts, especially among Members-At-Large is very high. Our numbers are about half of the last number issued to a new member. With the dropouts dues revenue also suffers. Any organization needs money to run these days. Associate Membership would help two ways. It would help hold interest in Amateur Radio and get more money into our coffers.

The Board has decided that the Winter edition will have a poll ballot to see if the General Membership favors Associate Membership.

How to determine the eligibility for Associates really brought forth some heated discussion. Surprising, the FCC may have provided an answer. One decision gave us ten-year license renewal. A more recent one concerned Silent Keys. If the FCC is not notified by a relative of an Amateur's death, they will not remove his name from their records. On paper at least, a Silent Key could be eligible to join QCWA. How many of you realize that a novice license holder can join QCWA? With renewable Novice licenses a person who dropped out over 25 years ago is eligible to become a QCWA Member.

If the membership approves the concept of Associate Membership, I propose the following to be used as the basis for eligibility: A person must hold a renewed or new license whose expiration date extends beyond the 25-year point!

Most likely these people will continue in Amateur Radio. Lets help them because they are the future of Amateur Radio and of QCWA!

A NEW THOUGHT

J. George Freeland, W8GSN
140 Potomac Dr, Keyser, WV 26726

In 1930 we had AM phone and 30,000 hams was a pretty good band full. Multiply that number by 10 and with SSB and today's tech; we have about the same ratio, but we have 450,000. Quite a gain I would say. You know and so does every other ham, if you want to be a ham you can learn CW in less time than the theory, if you have not been exposed to and are starting anew.

I believe with present day equipment and the drastic drop in home-brewing equipment, the depth of our theory requirement is needless. I also believe the theory has been the culprit in discouraging new hams to be. So, let's keep CW, maybe drop the speed to 10 WPM and simplify the theory and maybe the advocates of more hams will be satisfied. I'm sure the new-comers will be a more dedicated group. These suggestions are for the General Class license. Keep present requirements for higher class licenses.

After reading this over it sounds like I'm straddling the fence, but a little of that sometimes helps to resolve issues!

Editor's Comment: A new idea - reduce theory requirements-contrary to most of the proposals at this time which have tended to say: eliminate code requirement and broaden the theory requirement. Have we been thinking wrongly? The last sentence above represents the real need of our fraternity - a willingness to listen and to be convinced if a good case can be made in favor of Amateur Radio!

14. STANDING COMMITTEES APPOINTED/REAPPOINTED
September 24, 1988, McLean, Virginia

COMMITTEE	CHAIRMAN	ASSISTANTS
1.CHAPTER ACTIVITIES	El Charlton, W5MD Art Kay, W5APX	Travis Baird, W9VQD Fred Hammond, VE3HCF Hal Sears, W5NC Lew McCoy, W1CP Wes Randles, W4COW
2.AUDITING FINANCE & INVESTMENTS	Jack Kelleher, W4ZC	
3.QCWA AWARDS	Hugh Winter, W5HD Lew McCoy, W1CP	Wes Randles, W4COW
4.CONVENTION COORD.	Wes Randles, W4COW	Esther Given, W6BDE
5.FCC LIAISON	Stuart Meyer, W2GHK Ted Heithecker, W5EJ	John Kelleher, W4ZC Lew McCoy, W1CP
6.CONSTITUTION & BY-LAWS	Gus Howard, W5KM Hugh Winter, W5HD	Leland Smith, W5KL Lew McCoy, W1CP Jack Kelleher, W4ZC
7.INTERNATIONAL	Fred Hammond, VE3HC	
8.MEMBERSHIP	El Charlton, W5MD Hal Sears, W5NC	Jim Walsh, W7LNV Ted Heithecker, W5EJ
9.NOMINATIONS 1989	Joe Moskey, W1JMY Pat Stewart, W7GVC	Marv Ollendorf, W4HAH Dave Willemin, A18M
10.PUBLICITY	Esther Given, W6BDE	Lew McCoy, W1CP Wes Randles, W4COW
11.SCHOLARSHIP	Leo Meyerson, W0GFO	Lew McCoy, W1CP Esther Given, W6BDE
12.OPERATING ACTIVITIES	Onie Woodward, W1ZEN Lew McCoy, W1CP	Wes Randles, W4COW
13.MUSEUM COORDINATOR	Stuart Meyer, W2GHK	
14.AUDIO CASSETTE COORDINATOR	Blanche Randles, W4GXZ	
15.QCWA SSB NET	Herb Gleed, Jr., W5FO	
16.QCWA CW NET	Richard Roderick, W5QU/William Waldo, W4PI	
Ad Hoc:		
QCWA Headquarters Contingency Committee:		Jack Kelleher, W4ZC
QCWA-DEMOS Contract Review Committee:	Wes Randles, W4COW	Jim Walsh, W7LNV
Headquarters Equip.	Wes Randles, W4COW	Jim Walsh, W7LNV
Long Range Planning	Jim Walsh, W7LNV Jack Kelleher, W4ZC Hugh Winter, W5HD	Jim Walsh, W7LNV Travis Baird, W9VQD Ted Heithecker, W5EJ Wes Randles, W4COW Lew McCoy, W1CP Jack Kelleher, W4ZC
Building Fund Comm.	Joe Moskey, W1JMY Duncan Kramer, W1GAY	Esther Given, W6BDE Phil Stern, W4AZVO Wes Randles, W4COW
Education Comm.	Hugh Winter, W5HD	El Charlton, W5MD Esther Given, W6BDE

On December 12, 1901, Guglielmo Marconi first heard the letter "S" transmitted across the Atlantic. Sixty years later on December 12, 1961, the first Orbiting Satellite Carrying Amateur Radio (OSCAR) made its debut. On December 12, 1986, OSCAR was eligible to join QCWA. Now that OSCAR is eligible for QCWA, the intent is to accept OSCAR's membership and make Amateur Radio Satellite News a regular feature of this newsletter. The exciting world of Amateur Radio Satellites has something to offer active amateur radio operators at all levels of the hobby.

Over these past 27 years, the free world has built and launched 13 OSCARS. Add to this 11 RADIO SPUTNIKS for the Russians and we have a large number of Amateur Radio Satellites. Amateur Radio has been carried to space by two American Astronauts and by the time this is printed a Russian Cosmonaut will have operated from MIR, the Soviet Space Station. Within the next year, both the Free World and the Russians plan additional Amateur Radio Satellite activity. At this writing, the new Free World satellites are sponsored by Amateur Radio Operators in the USA, the United Kingdom, Brazil, Japan, and Argentina. What better way do we have to illustrate "...the amateur's unique ability to enhance international goodwill."

Enough of this history and philosophy. A common impression of operating through the Amateur Radio Satellites received through conversations and questions asked at numerous Hamfests, club meetings, and other gatherings attended by this author is that "...operating through Amateur Radio Satellites is difficult, expensive, and beyond my technical ability." It is true that operating through satellites is different, but not difficult. It can be expensive like any other facet of our great hobby, but it doesn't have to be. Many opportunities exist to use your existing equipment or expand your station using a building block concept to increase your capabilities. Depending on your individual experience level, it may stretch your technical ability, but it is not beyond the technical ability of anyone

who can obtain an Amateur Radio License and especially not beyond the ability of anyone who obtained an Amateur Radio License more than 25 years ago. Stretching your technical abilities is perhaps the best part of the satellite game. Satellite operations offer the best marriage I can think of of computer technology, utilization of VHF, UHF, and microwave frequencies, and assimilation of "hands-on" knowledge of space technology.

Currently there are six active Amateur Radio Satellites. Two of these "birds," OSCARS 9 and 11, can be heard regularly on a two meter, hand held, FM transceiver with a "rubber ducky." The "EASY BIRD," RS-10/11, can be heard on a 10 meter receiver attached to a simple dipole and worked with the addition of a separate 15 meter or 2 meter CW or SSB transmitter and simple antennas. The high altitude "birds," OSCARS 10 and 13, require more equipment; however, the benefits are worth it. Through these "birds" you can work world wide DX 8 to 10 hours a day with VHF, UHF, and microwave equipment. A real "plus" is the relatively small antennas required for this type of operation. OSCAR 12 is the leader in a series of PACSATs or Packet Radio Satellites. It also carries an analog (CW and SSB) transponder. If equipment is chosen carefully, operation on all of these satellites is possible with a minimum of equipment.

Future editions of this column will describe typical station equipment, operating techniques, and news of this fascinating world of satellite communications. In the mean time, read the regular columns in QST and 73 along with "The Satellite Experimenters Handbook" and the "Satellite Anthology." These last two books are available from the ARRL. Information, satellite tracking software, and membership services are also available from AMSAT, the Radio Amateur Satellite Corp. See you "on the birds."

73 - W5IU

About the Author...

Keith Pugh, W5IU, was first licensed as WN0QMG in Dodge City, KS, while in high school. The year was 1953. Amateur Radio was a deciding influence leading to a career in RF Systems Engineering at General Dynamics. In the 35 years since then he has explored most of the facets of our hobby. He became a serious satellite operator in late 1982. Most operations since that time have been on or in support of Amateur Radio Satellites. He is currently serving as AMSAT Regional Coordinator for the states of Texas, Oklahoma, Arkansas, and Louisiana along with other duties associated with the AMSAT Software Exchange. He became a life member of QCWA in 1978 and has served as Secretary/Treasurer and President of the Fort Worth Chapter #72 of QCWA. Keith can be contacted at:

Keith Pugh, W5IU
PO Box 121576
Fort Worth, TX 76121

- Editor -

IMPORTANT NOTICE!

CANTON OHIO CHAPTER 21 ACCEPTS TELLERS DUTIES

FOR THE 1989 QCWA ELECTION!

QCWA President Leland Smith, W5KL, has announced that Canton Ohio Chapter No. 21, has offered to count the 1989 QCWA election ballots. Canton Chapter is a very active group of QCWA members and are looking forward to the activity.

Chapter President, Keith Chambers, W8SSA began the procedure of setting up the program and then turned the work over to Canton's newly elected President, Marv Denison, K8ANA, who took office on November 18, 1988. A very great thank you goes to them and to the Chapter. The work is important and we know they'll be doing a great job!

OPINION

SHAPE UP! CLOSE RANKS!

J. Denis Catalano, W0JFR
11079 Old Ballas Rd, Ste 206, St. Louis, MO 63141

As a ham operator since 1955, I have both witnessed and been a part of some significant changes in the amateur radio community. While some of the technical changes have been exciting and interesting, I share with those who have noticed the amateur's lack of cohesiveness as a group. While we bicker among ourselves over numerous petty issues we fail to see the bigger picture of amateur radio as a whole. As a result, while our numbers are great we are unable to stand unified pro or con on any issue that arises, but appear to those outside observers as a fragmented and disoriented group ripe for easy pickings. Certainly this was the case when CB took over eleven meters and it is the case now when we are losing our 220 MHz band.

Most of us make no effort to support amateur radio as a group either through membership in the ARRL or any other pro-amateur organization. Instead, we tend to sit back and criticize those groups and blame them for our circumstances. While the ARRL is not omnipotent, it certainly could be a very viable and potent vehicle through which we could make our feelings known to government agencies, regulatory bodies and the public at large. I believe those feelings should incorporate not only protection but expansion of the amateur bands which are already over crowded, continuance of a code examination as a part of the amateur radio licensing program thereby preventing us from being converted into a large, uncontrolled, undisciplined, unproductive, rowdy group. This circumstance we have already witnessed on what was previously eleven meters. We do not need to see it again.

THINK, AMATEUR RADIO! Stick together! Protect one another! Further the advancement of our hobby for the truly great hobby that it always has been. If we become so individualized as to have no cohesive group we will have destroyed our own hobby. If there is a better vehicle than the American Radio Relay League through which we can all function, will someone please point it out! If not, stop criticizing, get on the band wagon, start reaching out to your community and helping those people who may benefit from your help and experience such as young people or handicapped individuals. In my own experience as a ham, I have come across numerous amateur radio operators who are generous, well-trained and technically competent, but often times have no direction toward which to channel their talents. We are an amazing and fantastic group. It is time someone stood up and recognized it. Embarrassment and self-destructive criticism have been our hallmark these past few years. Let's put it aside. First, close ranks tightly to protect our hobby, and next, work out whatever problems may be existent, not vice versa.



TODAY NOTHING IS STRANGE OR FAR AWAY - EXCEPT THE PAST!

David L. Wiesen, K2VX
18 Wilbur Ave, Newark NJ 07112

In reading the letter on CW in the Fall 1988 issue, and in thinking about the various discussions which have gone on before that, I'm struck by the way CW is touted as a sort of rite or passage or initiation requirement by those who favor it, and as yesterday's art by those who favor the no-code license. Both positions are wrong.

CW is worthwhile because it is good. Not just good in 1935 but good in 1988. Those who say "CW forever" are not the same as those who said "Spark Forever". There is no linear progression of Spark-CW-AM-SSB-RTTY/Packet/Amtor.

By the same token, we can keep ham radio superior with tests of skills other than CW. However, anyone really interested in communications should know morse and its use should be encouraged.

Spark was a broad-band inefficient mode. AM and SSB are also broad-band and for transmission of record message, are slower than medium speed CW. Packet and the other data based modes are faster and therefore broader banded. Since we, as hams, don't need to compete with the commercial services, such speed is not needed.

CW is superior because:

1. Narrowest bandwidth
2. Best signal to noise ratio
3. Simplest equipment. Simple non-critical circuits
4. Morse is a code which can permit man to talk directly to machine

I have worked many old and young hams on the CW bands who were using 20 to 40 year old equipment. SSB and the data modes make appliance operators out of most of us.

In Frank Richard's book about World War I, "Old Soldiers Never Die", he tells how he was made into a Signalman at one point and communicated by telephone, flag, heliograph, and running. The only reliable one was running but when he discussed the telephone he mentioned that you could use voice or morse with the instruments they had. He said that MORSE WAS FASTER AND MORE RELIABLE THAN VOICE. Now this was over the same telephone so in this case we aren't talking about a transmission mode. It was faster because it spelled everything out and because buzzes or clicks were more distinct under noisy (shellfire) conditions than mumbled voice.

I have written elsewhere that in the service in Greenland as an army communications officer, I found that CW solved problems which voice could not and how on one occasion that I knew of, the North East Air Command's tropo-scatter TTY circuit from Thule to the States was knocked out by conditions, and the Danish CW coastal circuit filled in for us.

Coastal Radiotelegraph stations still use CW because not every ship has the Marisat TT gear, and because even those which do often have problems keeping their dish "locked" on the "bird". So they switch to CW.

So I don't believe that CW need be forced on everyone since it makes sense to use it as a practical matter - not just nostalgia or a rite of passage.

As far as the loss of interest, eliminating the CW requirement will only attract a very small number of young people. The problem is that long-distance communications is something which is available to most people today. When I got started, being a ham gave me access to the "far away places with the strange names". It made me special! Today nothing is strange or far away except the past.

Editor's Note: Underlining by editor. . . . this thoughtful letter clearly sets forth some of those feelings many of us have with respect to the CW requirement. Here we see a fairly dispassionate review of the value of CW as a tool for communication.

QCWA ACTIVITIES

THE BANQUET ADDRESS QCWA 1988 NATIONAL CONVENTION McLean, Virginia

The Banquet address at the McLean Convention was delivered by Armin H. Meyer, W3ACE. Armin provided a delightful review of nostalgic reminiscences so dear to the heart of we old-timers. This of itself would have been enough to cap off a wonderful convention experience but, we were in the hands of one who knows the value of a true coup d'gras. The "Finale", printed below, brought the evening to a close in world class style.

"If one message has been learned through my 58 years of amateur radio it is that communication is a two-way process. Both sending and receiving are essential.

How many of you were listening on the ham bands during the Gilbert hurricane crisis? Amateur radio proudly lived up to its reputation as an indispensable emergency service. At the same time there were those inevitable few eccentrics trying to horn in, QRMing the emergency frequencies, having no serious contribution to make, other than to flatter their egos.

In DXing, it has always been my conviction that you do better listening than blasting day-long CQ DXs. During Bill Bennett's W7PHO family hour, it was always a delight to hear Sergeant Bill shout at the "crocodiles who have all mouth and no ears". Always sending, seldom listening.

What is true in amateur radio is just as true in all our international relationships. My years of diplomatic service taught me that the key to progress is listening to the other fellow, putting yourself in his place, finding common ground, and building upon it. All too often we Americans have a tendency to consider ourselves gods and the rest of the world heathen. Even though we have many warts in our own system, including the bribery factor in electing our candidates, we take a holier than thou posture toward the rest of the world. Nothing irritates me more than the Daily State Department press briefings. Whenever any incident happens anywhere in the world, dour faced spokesmen send out signals that we "deplore", "condemn", perhaps even "applaud" what those heathen are doing over there. It matters not that the foreigners to whom we preach resent our arrogance and often are driven in the opposite direction.

What is true in foreign affairs, I have learned, is also true in the business world. American manufacturers are great at advertising and boasting, but short on listening. Take auto production. We get angry at the Japanese, but their car makers listen while ours do not. The American market is so huge and successful, Detroit takes the attitude that foreign buyers should take our product or lump it. The Japanese keep their eyes and ears open. When our Congress some time ago passed laws requiring emission standards with a 5-year deadline, the Japanese were ready. Detroit complained too much had been asked and time was too short.

Three years ago, when visiting Cameroun, our Embassy was telling me how the Japanese developed a lucrative market for yam pounders, yam being a tropical vegetable. Can you imagine American manufacturers going to such trouble? The Japanese listen and because they do, they thrive.

What is true in ham radio, international affairs, and business, is true in life in general: receiving is at least as important as sending. All of us should do more listening to our families, friends and associates. Dale Carnegie told us years ago that if we show serious interest in the lives of others we can win friends and influence people. For those of us who believe in a supreme being, the same is true. We can direct prayer after prayer asking the Good Lord what we want done. He listens. He answers all our prayers, even if for higher purposes the answer many be no.

My entry into the world of amateur radio was prompted by

Admiral Byrd's expedition to the South Pole in 1928. An amateur in a neighboring central Illinois town was talking to the expedition nightly, even though it meant that the town's lights blinked with each point of the fist. After visiting my first amateur hero, I sent for catalogues and manuals, the best one being ARRL's "How to Become a Radio Amateur".

As a result, the ham exam was passed in Peoria and a TNT transmitter built, W9ACE was soon on the air.

Never far from memory were the final words in ARRL's "How to" pamphlet. They were words from Kipling's "When Earth's Last Picture is Painted":

And only the Master shall praise us!
And only the Master shall blame,
And no one shall work for money
And no one shall work for fame;
But each for the joy of the working,
And each in his favorite star,
Shall draw the thing as he sees it,
For the God of Things are They are!

These words have been an inspiration to all of us in all of our amateur years!

Editors Note: Armin, W3ACE, is an active amateur radio operator who has served as a Career Diplomat for the United States. He has served as Ambassador to Japan and to Lebanon. Armin is retired from his government service. He lives in the Washington, DC area and is an active DX'er!

PRESIDENT LELAND SMITH SUBMITS 1990

NOMINATING COMMITTEE SELECTION TO QCWA BOARD

In accordance with Article VI, Section 4 of QCWA By-laws, a nominating committee has been selected and submitted to the Board of Directors for final approval. At press-time a number of Board members had not yet received the list. Final approval of the Committee will be announced in a forthcoming issue of the HLR.

John Brown, W7CKZ (H) 206 352 4898 Chairman
725 88th Avenue SW (O) 206 486 4964
Olympia, WA 98502

Leonard K. Yerger, Jr K6SS (H) 914 982 2579 Member
210 Emerson St
Upland, CA 91786

Fred Linn, W9NZF (H) 414 377 3280 Member
N59 W5608 Edge Water Dr
Cedarburg, WI 53012

Betty Stratton, W2PVS (H) 914 223 3595 Member
Wright Rd
Lagrangeville, NY 14120

William R. Staples, W4SME (H) 407 589 6750 Member
PO Box 2022
Sebastian, FL 32958

The Committee is charged with submitting a slate of candidates for the five (5) offices of Director that will be open during the 1990 election. The slate must be submitted to the President by the date of the National Convention to be held at Kansas City, Missouri the Fall of the year 1990. Nominations in the 1990 and all other National elections can be made by Membership petition. Such petitions must be signed by no less than 50 members in good standing and submitted to the Secretary of QCWA not later than December 31, 1989.

THE LORD GIVETH AND THE LORD TAKETH AWAY! LONG LIVE THE CONGRESS

50% TAX BRACKET LIVES ON

by Scott Burns*

The 50 percent tax bracket is dead - right?

Wrong. While you and I are told regularly about the wonders of tax reform in which a multitude of tax rates ranging up to 70 percent was replaced with a simple two-rate system with a 28 percent maximum. The truth is that many Americans will pay taxes at rates of 50 percent.

Who will pay these rates?
Not the rich.
Not the young and employed.

The 50 percent rate will be paid by the elderly and retired with incomes between about \$19,000 and \$40,000 -- comfortable, perhaps, but not rich. The reason this is happening is called tax pyramiding -- the process of structuring taxes so that one is added to another.

I learned this when a reader called after my October 9th column on the Medicare Catastrophic Coverage Act of 1988. The column pointed out that the act created a separate and unequal set of tax rates for the elderly Americans, raising their marginal tax rate on income from 28 percent to as high as 35.8 percent in 1993.

It's a lot worse than that, my caller said, "You didn't mention the taxation of Social Security income. If you are retired and receive Social Security income, you pay taxes on it if your income exceeds certain levels. For instance, if you are at the income limit and take, say, \$2,000 from your IRA account to meet a medical emergency, your taxable income will increase by an additional \$1000 because half of your Social Security income becomes taxable."

"Yes," I said.

"Well, don't you see, you get \$2,000 of additional income, but you have to pay taxes on \$3,000. If you are in the 28 percent tax bracket, that means you'll get \$2,000 in income and pay \$840.00 in taxes (28 percent of \$3,000) instead of \$560. In effect you are paying taxes on that additional income at the rate of 42 percent."

What my caller was talking about is something economists and business analysts call "the marginal rate" -- what happens to the *last* dollar of income, not the average dollar. If you take a close look at the tax system, all of us get some income tax free (because of deductions and exemptions). When our income exceeds a certain amount, we then pay taxes at the rate of 15 percent on each dollar over that figure. And when our income exceeds another sum, the rate goes up to 28 percent.

In fact, the actual highest tax rate is 33 percent due to a wrinkle in the tax law similar to having Social Security income taxable if other income exceeds a certain amount. Called "the disappearing exemption" the tax code takes back our exemptions and

deductions as our income exceeds certain amounts and makes an effective tax rate of 33 percent.

Diabolical, these congressmen, diabolical.

"If you add the Medicare tax to the extra tax on Social Security income," my caller said, "I figure that the *actual* top tax rate for some retired people will be 53 percent."

I admit I that I found this hard to believe -- that retired people could be paying taxes on their income at nearly twice the top rate so proudly trumpeted by congressmen and senators seeking re-election. Then I sat down and figured out how tax pyramiding works. Here's an example:

Step One. This is the base of the pyramid, the tax that applies to everyone. If you are single, you pay taxes at a 28 percent rate when your taxable income exceeds \$17,850 (\$29,750 for joint returns).

Step Two. This applies only to elderly people receiving Social Security income. If you are single and your income from all sources including Social Security exceeds \$25,000 (\$32,000 for a joint return), each dollar of income over that amount will make 50 cents of Social Security income taxable up

effect, this is a surcharge of 15 percent rising to 28 percent in 1993. Add the 15 percent surcharge to the 42 percent rate above, and you have a 1989 top tax rate for elderly people of 48.3 percent, rising to 53.76 percent by 1993.

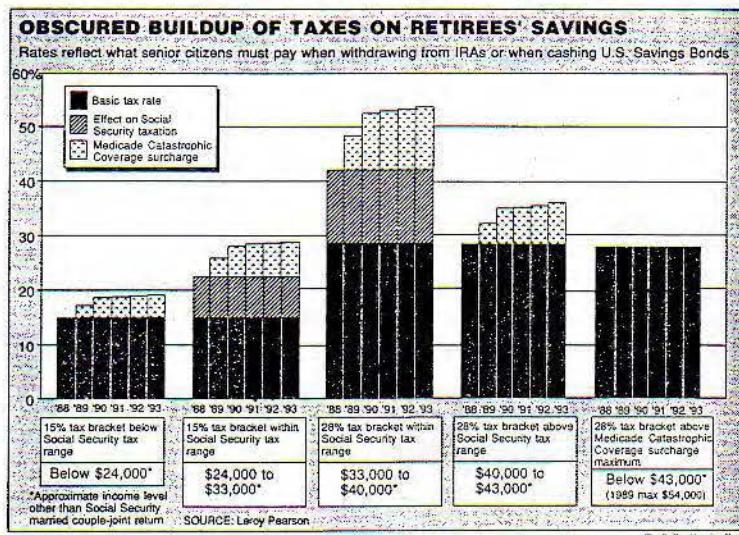
That's the law.

The combined effect of this tax pyramiding is that while Congress maintains a fiction that tax rates have been significantly reduced for all Americans, the real truth is that older Americans are experiencing tax brackets that were once reserved for people very well off--but at incomes that are much lower.

How much lower?

Like most aspects of taxation, "it all depends." But if you are a single retired person, you will be paying at near 50 percent tax rates on every dollar of income from non-Social Security sources starting as low as about \$19,000. If you are married and file a joint return, the near 50 percent bracket appears to start at taxable incomes over \$32,000.

That's a long, long way from Fat Cat, Daddy Warbucks incomes.



to a limit of half of the Social Security income. If, for instance, a single person has Social security income of \$600 per month, he will pay taxes on Social Security income when his other income exceeds \$21,400 to \$28,600. In that income range, his effective tax rate will be 42 percent (28 percent plus 14 percent).

Step Three. The top of the pyramid is formed by the new Medicare tax. That tax is levied in still another way, a fee of \$22.50 for each \$150 of federal income tax liability in 1989, rising to \$42.00 for each \$150 of federal income tax liability in 1993. In

How can you respond?
It depends on how old you are.

If you're younger than retirement, gird yourself for similar obfuscations and pyramid schemes as Congress seeks to "enhance" revenues from the rest of us without calling it a tax increase in 1989.

If you're retired, send a copy of this story to your congressman and let him know you've had enough. In particular, send a copy to Senator Lloyd Benson, D-Texas, who was the sponsor for the top of the pyramid, the Medicare bill.

*This item, written by Scott Burns, editorial writer for the Business Section of the Dallas Morning News, appeared in that section of the News published November 15, 1988. Mr. Burns can be contacted at:

THE DALLAS MORNING NEWS
Editorial Department,
Dallas, Texas 75265

HOW GOOD IS YOUR GROUND?

Robert Bookwalter, W4NWF
728 Valencia Rd, Venice, FL 34285

Most of us connect our equipment to a ground rod or water pipe and assume we are safe. To be reasonably well protected from lightning and power surges we need to do two things: One is to install a surge protector across the incoming power line. The other is to have a low resistance ground connected to our equipment by a heavy conductor (not stranded) as short as possible and with a minimum number of bends - none of them sharp.

Now how do you determine the quality of your actual ground? It can be done by installing two temporary ground rods, taking a set of measurements, and doing a few calculations. For clarity let us label our permanent ground 'a' and the two temporary grounds 'b' and 'c'. Using an isolation transformer apply an AC voltage across a - c and measure the voltage and current. Then do the same with a - b and b - c.

Using Ohm's law ($r = e/I$) determine the resistance of each pair. Using the following formulae solve the resistance of each ground. The resistance of A, of course, is the important one as it is your permanent ground. If any of these answers come out negative disregard the sign as the numerical answer is the correct one.

$$Ra = (Rab + Rac - Rbc)/2$$

$$Rb = (Rab + Rbc - Rac)/2$$

$$Rc = (Rbc + Rac - Rab)/2$$

If Ra is more than 4 to 6 ohms you should install more or longer ground rods. Remember, the lower the resistance you can get the better it will be. You must use AC rather than DC to make tests as DC measurements will be affected by electrolysis. If you can't get sufficient current to give reliable readings use a higher voltage, install longer temporary grounds or move them closer to the permanent ground. Also try wetting the ground rod around the temporary rods but not the permanent ground rod!

Not only will the lowering of your ground resistance give you better lightning protection but it will often improve your signal, especially if you are using a vertical antenna or any antenna that works against ground.

INCENTIVE LICENSING IS 'OLD HAT'

Roy S. Miller, W4FOZ
3202 Silverleaf Dr, Austin, TX 78757

I hear people talking about and writing about when "incentive licensing" was brought into the licensing structure. Most folks seem to think that the present "incentive licensing" is the first time the system was used.

Prior to the present system of assigning frequency use, we had real "incentive licensing". There were three classes of licenses: Class "C"; Class "B" and Class "A". Classes "B" and "C" could operate phone on 1800-2000 kc, and all amateur frequencies above 28,500 kc. Yes! they were called kilocycles in those days. Class "A" hams could operate phone on all of the above frequencies plus 3900-4000 and 14,150 - 14,250 kc. 75 and 20 meters were the more desirable bands. There was no phone operation on 40 meters.

I remember well my struggle to become a class "A" ham so I could operate phone on 75 and 20 meters. If this was not "incentive" licensing I don't know what it was!

MEMBERSHIP OPINION SOUGHT BY BOARD

On the page opposite you will find information on two different proposals which could possibly affect the course of QCWA. You are requested to read the information, then mark the polling ballot and send it to QCWA Headquarters as soon as possible.

Your QCWA Board of Directors has, in the recent past, considered both proposals and in their judgement, have determined that there was not sufficient interest among membership undertake implementing further studies. Recently a number of QCWA members have questioned the Board's decision in this matter and have asked that the proposals be placed before membership as a whole, in order that the opinion of the majority of members might be available for the Boards consideration. Accordingly, the Board has prepared the poll ballot for your use.

Now is the opportunity for you as members to speak directly on a subject. If you have an opinion please express it promptly.

YOU WILL NOT BE VOTING FOR OR AGAINST EITHER PROPOSAL
- IT IS AN OPINION POLL ONLY, TO BE USED TO GUIDE THE
BOARD OF DIRECTORS IN ITS DELIBERATIONS.

NOVICE LICENSEES NEED A HELPING HAND!

Leland Smith, W5KL, QCWA President stated in the Summer, 1988 QCWA Journal that "QCWA continues to be recognized as a tax-exempt not-for-profit charitable, educational and scientific organization operated in the public interest. However, it is clear that in addition to our Silent Key Memorial Scholarship Program, we need to do more "Elmer", volunteer examining and public service work. Chapters and at large members are urged to increase local participation in these areas. . . ."

The following is an excerpt of a letter written by Steven P. Czaikowski, WB4ZTR (20,179) to Walter Johnson, WA4HVU, President of Chapter 137, regarding the work being done to help bring novices into amateur radio but, even equally important, the work being done to see that these novices are helped so that they will feel at home and a part of the whole scene.

"Walt Quitter, NC4B and myself (WB4ZTR) have been teaching the Novice Classes for the Shenandoah Valley Amateur Radio Club for the past several years. One of the concerns we share is proper instruction and upgrading of a Novice after he is licensed. We have about ten "graduates" annually, and each has different needs after receiving their license. Some require assistance in locating and choosing suitable equipment. Some require assistance in upgrade preparation. Still others require a little extra "over the shoulder" assistance to get on the air. Walt and I have tried to "Elmer" the best we can, but the two of us simply can't uphold the entire workload. I propose that QCWA Chapter 137 undertake the challenge of offering to be "Elmers" to newly licensed Novices. The Chapter should accept this challenge to help both the newly licensed Amateur, as well as to insure that the Chapter follows Leland Smith's directive outlined above. Our newest class will take the Novice examinations tomorrow, November 14, 1988. I will happily provide the chapter with the names, addresses, and telephone numbers of the successful Novices. I await your reply!"

This is a fresh approach - working to help newly licensed amateurs get strung out properly. . . . advise and help them learn what it means to be a "real amateur". Think about it and the great impact it might have in getting these youngster on the air, and keeping them there! This is a challenge to all of our QCWA Chapters!

- Editor -

BOARD SEEKS MEMBER OPINION

DIRECTORS TO REPRESENT GEOGRAPHICAL AREAS

At the 1988 QCWA Convention at McLean, Virginia several members present at the open forum requested the Board to reconsider the proposal that QCWA Directors be elected to represent specific geographic areas.

Area representation was studied earlier by a Committee chaired by Lew McCoy, W1ICP. The Committee Report was printed on page 107 of the Winter 1987 QCWA Journal. The report indicated there was little apparent interest in area representation and that establishing a workable and equitable system would be difficult if not impossible to achieve. Since then no specific and fully equitable proposal for representation by geographic area has been received.

In response to the discussion in the open forum at McLean the Board decided to poll the membership to determine the level of interest in area representation. Results of the poll will enable the Board to decide whether or not changes to the QCWA Constitution and By-laws should be proposed to provide for area representation. Some of the major "Pros" and "Cons" for area representation include:

PRO: Directors elected by members in a specific geographic area would provide representation more interested in and responsive to the members who elected them. Interpretations of policy and suggested changes could be processed by Area Directors. Area Directors would be more available for visits to Chapters.

CON: Presently all Officers and Directors are elected by the total membership and thus are individually responsible to each member and each Chapter. Any member or Chapter can communicate directly with the Board member or chairman who appears best qualified to handle the matter. Under area representation, members and Chapters might be required to route communications through the Area Director. QCWA Officers and Directors now visit many Chapters and hamfests. It is unlikely that more Chapter visits would result.

PRO: Under area representation members having elected their own Director would feel they were in closer touch with the Board and might be more inclined to communicate needs and suggestions.

CON: There is no reason to believe members and Chapters would be in closer communication with the Board under area representation. There has been no evidence indicating that Directors under the present system have not served individual members equitably irrespective of residence.

PRO: Under area representation there would be more candidates available because each area would be anxious to have its own representative.

CON: Even under the present system, nominating committees have always had difficulty in attracting well qualified candidates willing and able to expend the time and resources required to hold national office. It is doubtful there would be more candidates from specific areas than at present. Florida, for example, with about one tenth of the total membership has been unable to sponsor a successful candidate for Director in recent years.

SHOULD QCWA DIRECTORS BE ELECTED BY GEOGRAPHIC AREAS ?

1. I favor electing QCWA Directors by specific geographic areas.
2. I do not favor any change in the present method of electing QCWA Directors.

NOTE: If you do not wish to cut this form from your QCWA Journal, photocopy or even indicate your preferences on a postcard. Sign, Date and mail as soon as possible to:

QCWA, Inc. 1409 Cooper Drive
Irving, TX 75061

ASSOCIATE QCWA MEMBERSHIP REVISITED

From time to time, several QCWA members have raised the question of Associate Memberships. At the 1988 QCWA Convention in McLean, Virginia, the question arose again. Several members felt that the Board should ascertain the feelings of the membership on the subject. The Board agreed and decided to poll the membership through the QCWA Journal to determine whether or not changes to the QCWA Constitution and By-laws should be proposed to permit associate memberships. "Pros" and "Cons" for a new associate member classification highlight some of the thinking on this issue:

PRO: Chapter growth would be enhanced by including Amateurs not licensed twenty-five or more years ago who otherwise meet requirements for full membership. They would bring in added income and enlarge our total membership. One suggestion is that associate members would pay a fee of \$10.00 for three years, but could not vote or receive publications.

CON: Increased total membership might result, although some members who qualified under the present Constitutional requirements might sever membership. As for added income, the present dues structure provides adequate funding for serving the membership.

PRO: QCWA accepts anyone licensed as a Novice twenty-five years ago who may have been without a license in the interim but is now licensed. These members meet "Quarter Century" requirements and are accepted as full members. Why not accept Amateurs with ten years of continuous licensing as they may be more experienced and knowledgeable in Amateur radio than many present members?

CON: QCWA founders were proud that they had been licensed twenty-five years earlier. Many of our most active members now are those who anxiously waited until they qualified for membership and they now share the same pride as did the founders. The quarter century requirement has been in effect for 41 years and to lower it now would dilute the prestige and respect QCWA has. The name QCWA would indeed be a misleading title if any kind of membership existed that did not require an amateur license twenty-five years ago.

PRO: Many amateurs not licensed twenty-five years ago but now licensed and active would be glad to affiliate with QCWA as associate members for the prestige involved. These associate members would probably become some of the most avid boosters for the organization and would surely become full members when so eligible.

CON: Possibly so. However, QCWA has always encouraged Chapters to welcome other amateurs, especially those nearing membership qualification to attend and enjoy Chapter meetings and programs as non-voting guests. These amateurs already enjoy all of the fellowship and association with full members as they would as associate members.

SHOULD QCWA ACCEPT ASSOCIATE MEMBERS ?

1. I favor QCWA Associate Members.
2. I do not favor QCWA Associate Members.

NAME
and
CALL

DATE

Minutes of Board Meeting

McLean, Virginia, - September 22-25, 1988

Meeting called to order by President Leland Smith, W5KL. All present with exception of Hal Sears, W5NC and Leo Meyerson, W0GFQ. Also in attendance were Ted Heithecker, W5EJ, the General Manager and Onie Woodward, W1ZEN, Activities Chairman.

The Treasurer reported on the six months financial statement and also reviewed some special accounts. We now have an accounting firm to handle the necessary forms for year end filings with the IRS. We have received word from IRS that we are still a 501(c)3 organization.

President Smith, W5KL, welcomed everyone and urged all Board members to expand their visits to Chapters and Hamfests this coming year. There is still a need to endorse, support and contribute to the QCWA Memorial Scholarship Fund. He also emphasized the need for our support of the Building Fund.

A special report was also given on our progress with the booth and luncheon for QCWA members at the recent ARRL National Convention in Portland.

Our General Manager Ted Heithecker, W5EJ, reported that the credit card operation is installed at Headquarters. Visa, American Express and Master Card are to be utilized.

A master list of all QCWA members from the very beginning was exhibited to the Board.

The Charter of a new Chapter was approved:

Colonial Chapter #166

In the future charters of new Chapters will be approved by mail ballot rather than wait until a Board meeting.

Awards made this year were as follows:

Clarence Seid, W2KW, The DiBlasi Award
Dave Talley, W2PF, Distinguished Service Award
One Woodward, W1ZEN, National Meritorious Award

Presidential Awards:

H.H. Beverage
John Kraus, W8JK
Byron Goodman, W1DX

The Convention for 1989 will be in Baton Rouge on October 20 - 22, 1989.

The Convention for 1990 will be in Kansas City, MO with Chapter #35 as host.

Any surplus monies from a Convention will be spent only on National QCWA projects and the host Chapter will provide a financial statement within 60 days following the Convention which will include the disposition of surplus funds. Chapters may keep up to 20% of the surplus funds.

The Nominating Committee made their report as follows and it was accepted:

President	Jim Walsh, W7LVN
V. President	Hugh Winter, W5HD *
Secretary	Jack Goldfarb, W8WGO
Treasurer	John Swafford, W4HU
Directors	Wes Randles, W4COW *
	Pete Backstrom, W3DM
	Travis Baird, W9VQD *
	Milton Chaffee, W1EFW
	Neil Foster, KC4MJ

Art Kay, W5APX *
John Kelleher, W4ZC *
Stuart Meyer, W2GHK *
Leonard Norman, W8PBV
Albert Zimmerman, W8UYN

(* indicates incumbents)

A petition was also accepted nominating Harry Dannals, W2HD, for the position of President.

A filing will be made commenting on the rewrite of Part 97 of the FCC Rules especially on that portion which speaks to the enforcement provisions towards Amateur operators in the proposed new rules.

We will investigate a position for QCWA on the local FCC working committee for the next WARC.

The qualifications for a QCWA Memorial Scholarship award was modified slightly and now reads:

"The QCWA Memorial Scholarship shall be made available to any licensed Amateur Radio operator of at least General Class or equivalent and who is enrolled in, or has been accepted for enrollment in, an accredited university or college, for a full time schedule in pursuit of at least an Associate Degree. In some circumstances a scholarship may be awarded toward the attainment of a post graduate degree. There is no residence area preference and no restriction on the course of study. Applicants must be recommended by a member of the Quarter Century Wireless Association."

This next year, 1989, we will grant seven (7) scholarships in the amount of \$750 each.

A possible new DX award was discussed and referred to the Activities Committee.

About 50 sight impaired members are served by the Audio Cassette Committee which makes the QCWA Journal available to them.

A new Photo Copier has been approved previously and the Board approved at this meeting the purchase of some new computer equipment which will primarily allow for better publication of the Journal and other items which we produce. This is compatible with present equipment and will reduce our costs for some outside work.

A Building Fund Committee will be appointed to work on plans for funding, publicity and methods of donating and incentive procedures for this fund.

The General Manager presented a plan for International Members to try and draw them closer to QCWA. The plan as adopted is as follows:

1. Immediately all International Members will receive the Winter issue of the QCWA Journal. North American Continent International Members will receive theirs by first class mail and all others will receive their copies by Airmail.
2. The existing \$10 for three years dues structure will cease Feb 28, 1989. All members who have paid, or will pay before the deadline, will receive the Winter issue of the QCWA Journal only! All such memberships will terminate Feb 28, 1992.
3. All International dues will be increased to \$25 for three years on March 1, 1989.
4. All new and renewed International Memberships at the \$25 fee will receive the

QCWA Journal as follows:

- a) North American Continent Members receive all issue via first class mail.
- b) All other International Members will receive only the Winter issue of the QCWA Journal, via airmail.
- 5. All members, who, in previous years paid life memberships or regular memberships with time remaining at the same fee as domestic QCWA members will continue to receive QCWA publications in recognition of their contract with QCWA.

6. The Life International Dues will be changed to \$125 on March 1, 1989

A modification of the By-laws, Article I, Section 2(b) 2 and 3 is needed to support this change in International Dues. It is as follows:

Article I, Section 2(b) 2. International Members shall hold full rights and privileges of membership with the exception of receiving limited publications.

Article I, Section 2(b) 3. Additional Quarterly Journals and Membership Rosters and Hot Line Reports may be purchased upon payment of the amount established periodically to cover costs of printing and mailing of the appropriate publications.

An Education Committee will be appointed to follow thru on senior classes as well as promotion of youth education projects.

A proposal to release our membership lists to a credit card company for issuance of special credit cards was denied.

President Smith, W5KL, proposed that the Spring meeting of the Board be delayed to the Monday and Tuesday following the National ARRL Convention in Dallas. This was approved.

Dave Talley, W2PF, appeared at the Board meeting to further explain his past reasoning on area representation and to further propose that we establish an Associate Membership for those with 10 years as an Amateur for example.

Following his proposal the Board approved a poll in the QCWA Journal to determine the membership's feelings with regard to both Area Representation and Associate Membership.

President Smith presented his committee assignments, including ad hoc committees on Long Range Planning, Education Committee and a Building Committee.

Approved a Resolution to the Vic Clark Chapter and Co-Chairmen Jack Kelleher, W4ZC, and Elmer Jones, K4EUX, for a most enjoyable and successful convention.

Jim Walsh, W7LVN
Secretary

Some Suggestions to hold Chapter Interest

1. Hold a weekly "on the air" meeting. Good time is either Saturday or Sunday. 75 meters is a good band. Chapter 109 holds two meetings on Sunday. The morning on 75 and the evening on 2 meters. This lets members who can't check into the morning net a chance to check in during evening hours. All information is passed again at the evening net. We divide our group into 4 Sections: A-F, G-L, M-R and S-Z. This is the first letter following the area number in your call. Each week we rotate the group. After check-in we have the chatter part and each member has a turn to comment on whatever he wishes.

2. We have a "Member of the Year" program going that runs from the first "on the air" meeting in January through the last "on the air" meeting in December. It works like this:

1 point is given each time a member checks into the meeting and stays for comments. Checking into both meetings only nets 1 point - not 2 points.

If a member checks in then has to leave he is given one-half point. Member cannot have another member check him in. 1 point is given a member when he attends a Chapter luncheon or function.

5 points are given if a member enrolls an eligible amateur into QCWA. Member gets 1 more point if that newly enrolled member joins the chapter.

1 point is given if a member checks into the meeting while mobile, at distance of over 50 miles.

At the end of each year points are totaled up and the member having the greatest point total is presented a very nice framed Certificate. Headquarters has a "Distinguished Member" certificate that can be purchased for \$5. The frame is bought by the Chapter.

3. Try to have a meeting at some restaurant on a fairly regular basis. A small door prize can be given. Some libraries have a list of people that will speak at a function for free. The chapters pays for the speakers meal.

4. Most importantly, always invited the XYLs and any guest you want to attend the meetings. The ladies will appreciate their being included in the functions. Keep business part to a bare minimum. We do a lot of our business on 2 meters or at a ham club meeting.

5. A spring picnic is a very good thing. We have a member living in a spot having lots of large trees. We set up tables under the trees. Each members brings a covered dish, their own lawn chairs, and a cold drink for themselves.

6. One thing - QCWA rules prohibit a chapter from have "Associate Members" but, it is perfectly alright to have guests. Especially if that person is a licensed amateur and has close to 25 years of licensing. This will get them interest in seeing how much fun it is to belong to QCWA and to a Chapter.

7. You must have several "ram-rods" in the chapter. That is a cadre of members that keep the others interested and attending meetings and meeting on the air.

8. Keep accurate records of the date a member joins your Chapter, date of birth and information that may be of importance in the future. Also keep a record of all Silent Keys and dates of demise. You might possibly set up a plaque with plates showing each Silent Key members name.

9. Try to get out a small newsletter on a fairly regular basis. This need not be elaborate - a single sheet xeroxed copy is better than nothing.

10. You might try "charging" 25 cents each time a member attends a meeting or function without either his QCWA pin or cap. This would put a bit more money in the treasury.

11. Speaking of money - you should have dues. It takes money even for simple things such as stamps, etc. Don't make them too high, however.

12. Whenever a member passes away always send flower to the member or spouse.

13. Have a committee to help a Silent Keys spouse dispose of his/her gear if that is needed. Take no money for the service!

October 10, 1988

El Charlton, W5MD

Chairman, Chapter Activities Committee

ACTIVITIES MANAGER'S LIST
OF ACTIVE CHAPTERS

1 CLEVELAND
2 CHICAGO AREA
4 NORTHWEST
5 DELAWARE VALLEY
6 PITTSBURGH
7 SOUTHERN CALIFORNIA
8 UPPER MIDWEST
9 DAYTON/CINCINNATI
10 MICHIGAN
11 NORTHERN CALIFORNIA
12 SOUTHEAST FLORIDA
14 SAN DIEGO
15 TULSA
16 ARIZONA
19 MISSOURI
20 BALTIMORE
21 CANTON, OHIO
23 WASHINGTON
25 NEBRASKA
27 HOUSTON
28 CENTRAL NEW YORK
29 FINGER LAKES
30 WEST VIRGINIA
31 READING
32 GATOR
33 GUNDERSON PENN-JERSEY
34 JOLIET
35 MID-CONTINENT
36 NORTHWEST INDIANA
37 HARRISBURG
38 SAN ANTONIO
39 AKRON
40 ALABAMA
41 DALLAS
42 MOHAWK VALLEY
44 HOOVER DAM
45 CITRUS
46 FOUNDERS'
48 TREASURE COAST
49 ATLANTA
53 SUNCOAST
54 TYLER
55 WISCONSIN
56 WICHITA MOUNTAIN
58 COLORADO
59 CENTRAL ILLINOIS
60 EAST TENNESSEE
61 DETROIT METRO
62 SUWANNEE
63 CENTRAL OKLAHOMA
64 EL PASO
65 NIAGARA FRONTIER
66 SPACEPORT
67 AUSTIN
68 WEST BRANCH
69 EVERGLADES
70 NATIONAL CAPITAL
71 CENTRAL OHIO
72 FORT WORTH
73 SOUTHERN ONTARIO
75 CENTRAL CALIFORNIA
76 BLUE RIDGE
77 NORTHERN NEW JERSEY
78 LUBBOCK
79 SUNFLOWER
80 CALOOSA
82 SAILFISH
84 FLORALA
85 ARK-LA-TEX
87 EVERGREEN
88 TENNESSEE VALLEY
89 PALMETTO
90 RAZORBACK

ANNOUNCING QCWA's 32nd ANNUAL QSO PARTIES - 1989

There are Awards but remember this is a Party not a Contest - treat it as such.

Time for the rules for the 1989 Annual QSO Parties. We had 143 CW and 130 Phone Logs sent in for checking for the 1988 QSO Parties - know there were lots more of you that participated but we didn't see your logs - keep up the good work and let's have even more and more QCWAers participate - some Chapters are among the missing, please talk it up and see if we can't get at least one (1) from every Active Chapter in both Parties!!!

The QCWA QSO Parties are the perfect time to renew old acquaintances and say hello to friends you may not have talked to in the past year. It's time to 'limber' up the 'ole' fist and 'oil' the throat - no matter which you prefer, there's fun available in the Parties for everyone.

A little History - back in 1957, Stan Belliveau, W7AYO, in a moment of inspiration, started the first QSO Party. It was made into a real success by Dr. Spike, W7OS and Charles Emigh, W7ER. Let's try to follow in their footsteps! !

This is to be a FUN Party. There will be Plaques for the top Phone and CW scorers - World Wide. There will also be Certificates given for the next 4 runners-up in both Phone and CW Party Activities. Certificates will be issued to the High Scoring Station, both Phone and CW, in the United States and in each of the 6 Continents - Europe, Asia, Africa, South America, Oceania and North America. Standings and Scores will be published in QCWA JOURNAL, Summer of 1989 issue, but remember that the emphasis is on FUN and Good Fellowship - or just talking to one another. PLEASE DO REMEMBER to turn your BEAMS to Europe and Alaska to work the guys and gals in those areas, as there were many operating from there in 1988.

There are two QSO Parties - the first party for CW and the second party for Phone. They are on separate weekends.

TIMES OF THE PARTIES

The Annual QCWA QSO Party for CW will be held February 11 and 12, 1989. The CW Party will begin at 0001 UT, Saturday, February 11, 1989 and end at 2400 UT, Sunday, February 12, 1989.

The Annual QCWA QSO Party for PHONE will be held March 11 and 12, 1989. The PHONE Party will begin at 0001 UT, Saturday, March 11, 1989 and end at 2400 UT, Sunday, March 12, 1989.

OFFICIAL RULES

CONTACTS: Each contact with another QCWA Member will count as a single (1) point on EACH band.

MULTIPLIERS: This QCWA Party has 2 multipliers. Every NEW Chapter worked is a Multiplier of ONE (1). You can count a Chapter only once, regardless of how many bands you work.

If you do not belong to a QCWA Chapter, PLEASE use 'AL' (AT LARGE) as your 'Chapter' - PLEASE NOTE THE FOLLOWING SENTENCE CAREFULLY - 1 (ONE) 'AL' (AT LARGE) may be used as a Multiplier for EACH State, Province or Country.

SCORING: TOTAL NUMBER OF CONTACTS TIMES TOTAL NUMBER OF MULTIPLIERS EQUALS your FINAL SCORE. Remember, each Chapter can only be counted ONCE and ONLY 1 'AL' contact from each State, Province or Country may be counted as a Multiplier. Please make your contact numbers in order, DO NOT USE A DIFFERENT SET OF NUMBERS WHEN CHANGING BANDS. The Last Page of the Log MUST show the Total Number of Contacts times the Total Number of Multipliers - this will equal the Final Score. Print your FINAL SCORE ON THE FIRST Sheet of your Log.

EXCHANGES: A valid QSO must contain the following minimum amount of information and exchanges between stations (If all are not there the contact will be disallowed).
(a) QSO NUMBER (DO NOT start over due to Band changes)
(b) Operators First Name
(c) Chapter Identification (Official Number or Name) Members not affiliated with a Chapter use 'AL'
(d) State - this must be there for all 'AL' contacts

LET'S ALL PITCH IN TO MAKE THE 1989
TRY TO SCHEDULE SOME TIME FOR BOTH THE C
A REAL EFFORT TO CONTACT 100 MEMBERS
YOU'LL GET A KICK OUT OF GETTING INTO
HERE'S A PROMISE - ILL WORK

WITH PROPAGATION LIKE IT IS, BE SURE TO TRY 100

FREQUENCIES: Any Authorized Amateur Frequency is Permissible.

160 Meters - 6 Meters (Simplex) - 2 Meters (Simplex)
(Suggested times -
0400-0500 & 1200-
1300 UT)

Suggested Starting Frequencies

<u>CW</u>	<u>PHONE</u>
3530 - 3560 kHz	3900 - 3930 kHz
7030 - 7060	7230 - 7260
14030 - 14060	14280 - 14310
21040 - 21070	21350 - 21380
28040 - 28070	28600 - 28630

The above frequencies are selected as a starting place. When pile-ups occur don't be afraid to go either side of these frequencies. Again, - any authorized amateur frequency is permissible and should be used to reduce pile-ups and QRM to others. Be sure to check the frequencies for use before you give a Call!! ! !

NO NET NO CROSSBAND NO REPEATER CONTACTS PERMITTED

LOGS:

Use the standard QCWA log sheet or prepare your own (20 contacts to a page - and using the same format as printed on QCWA JOURNAL LOG FORM). Put name, call, Mode, QTH, Date and Chapter Number or 'AL' on FIRST PAGE - (Put your Call on all other pages). The LAST PAGE of the Log MUST show the total number of contacts times the total number of multipliers - this will equal the FINAL SCORE. The FINAL SCORE should also appear on the FIRST PAGE. DO NOT MIX PARTIES. Be sure everything is LEGIBLE!! (PLEASE look at your Log carefully and decide if you would like to check another 100 plus LOGS, just like it! Logs will not be returned. If you qualify for any award, BE SURE TO REQUEST THE AWARD YOU WANT ON THE FIRST PAGE. (If you ask for a 100 member award - you MUST identify the 100 on the side of the page or send your "Dupe" Sheets - it is not up to the Log Checkers or the Activities Manager to find the 100 members!) Mail your logs to the address below:

CW LOGS and PHONE LOGS

Bob Bloor, W8LYD
24338 Smith Ave
Westlake, OH 44145

(He is a member of Cleveland Chapter No. 1. This Chapter has agreed to check logs)

Separate Logs and Scores Must be submitted for both the CW and PHONE Parties ALL LOGS MUST BE POSTMARKED by March 27, 1989 and RECEIVED by April 10th, 1989. All Logs Postmarked after the above Date will be entered for listing ONLY. Logs with just One contact count - they also help with Checking.

PLAQUES will be awarded to Top Scorers World Wide, in each Party.

Work as many QCWA members as you can and then apply for the several special QCWA Certificates which you may have qualified for in the QCWA QSO Party (that is if you don't already have them).

Worked 50 States Certificate Worked 60 Chapters Certificate
Worked 100 Members Certificate Worked 500 Members Certificate

As Old-timers, it is most important that we establish a record for courteous treatment to all amateurs. Use the good operating procedures you have always used, give the other guy or gal a break and enjoy the QSO Parties.

The decision of the Cleveland Chapter #1 of QCWA will be final with respect to rules enforcement. The final decision, after verification of the scores, and the publishing of this information is the responsibility of the Activities Manager. In event of errors or a disagreement, keep all details off the air, write to the Activities Manager.

HAVE FUN

Onie Woodward, WIZEN, Activities Manager

QCWA QSO PARTY A REAL BELL RINGER.

AND PHONE PARTIES AND, HOW ABOUT MAKING

IT REALLY ISN'T TOO MUCH TO DO AND

THE SWING OF SOME FAST OPERATING AGAIN!

A HUNDRED - HOW ABOUT YOU?

METERS, GET SOME INTERNATIONAL QCWA MEMBERS!

CHAPTER LIST
(Continued)

- 91 VIC CLARK
- 92 NORTHERN LIGHTS
- 94 ROADRUNNER
- 95 EASTERN NEW YORK
- 96 GATEWAY
- 98 DOGWOOD
- 99 CENTRAL VALLEY
- 101 COASTAL BEND
- 102 DAKOTA
- 103 FOURTH CORNER
- 104 TREASURE STATE
- 106 GERMAN
- 107 CENTRAL FLORIDA
- 108 BEAVER STATE
- 109 BATON ROUGE
- 110 KANSAS
- 111 PALM BEACH
- 112 YANKEE
- 114 NORTH TEXAS
- 115 CHATTANOOGA
- 117 APPLESEED
- 118 COASTAL CAROLINAS
- 119 TIDEWATER VIRGINIA
- 120 QTR CNTRY W'L'S WOMEN
- 121 HIGHLANDS CTY FL
- 122 LAKE ERIE TRI-ST
- 123 LEE deFOREST
- 124 ISRAEL
- 125 HALIFAX
- 126 PIEDMONT
- 127 SHASTA
- 128 PELICAN
- 129 WACO
- 130 INLAND EMPIRE
- 131 GULF COAST
- 133 MAGNOLIA
- 134 PINE TREE
- 135 MID-MICHIGAN
- 136 AUSTRIA
- 137 SHENANDOAH
- 138 CENTRAL NEW JERSEY
- 140 WYOMING
- 142 NORTHWEST OHIO
- 143 NORTH COLORADO
- 144 LONG BEACH
- 146 TWIN STATE
- 147 FLORIDA KEYS
- 148 HERNANDO
- 149 NUTMEG
- 150 DEL-MAR-VA
- 151 WILD ROSE
- 152 ROYAL PALM
- 153 CRATER LAKE
- 154 LEO MEYERSON
- 155 VIRGINIA
- 156 OLD COYOTES
- 157 PONY EXPRESS
- 158 CENTRAL ARKANSAS
- 159 NORTHEAST INDIANA
- 160 UTAH
- 161 MARIN SONOMA
- 162 SOUTHEAST WISCONSIN
- 164 BIG BEAR LAKE
- 165 YORK CTY PENNS'VANIA
- 166 COLONIAL



1989 QSO PARTY LOG FORM

NAME _____ CALL _____ FINAL SCORE _____

ADDRESS _____

PHONE fax CHARTER COMM. REV.

TOTALS THIS PAGE

TO AMPLIFY OR NOT TO AMPLIFY.

Robert Strack, K6CNB
1345 E Puente St, Covina, CA 91724

Though I have been fairly active on the HF bands since late 1957, I feel like a new kid on the block when I QSO some of the old timers with 50 to 60 years of experience. My first lesson with regard to amplification came from one of those old timers. I was in QSO with a station in Gunnison, CO using the 80 meter novice sub-band and had told the operator about my plans for a 300 watt amplifier as soon as I upgraded to General Class. He laid a great piece of wisdom on me which has served me well to this day. He said, "Take that amplifier money and invest it in a better antenna system". I no longer remember his name or call, but I certainly remember his advice.

In 1957 the Novice Class license gave us permission to operate with a maximum power of 75 watts DC input to the finals.

Within the next couple of years I was using a two-element home-brew cubical quad on 20, 15 and 10 meters. With this antenna at a height of about 19 meters I was getting 599 reports from Europe and Africa, which is usually not too easy from the Southern California area. Of course I was running more than twice the power (180 watts dc) and I was giving 589 reports to stations in Europe that were only running 20 watts to a dipole.

In 1962 my application for membership in the DX Century Club was approved and I was given Certificate #5999. I have never used

more than 110 watts output power, yet I can QSO with over 95% of the stations that I can hear with a readability of 3 or better. A power increase from 100 to 1500 watts represents an increase of only about 2 s-units on most state of the art amateur receivers. In some modes this is not only desirable but necessary for reliable communications.

Part 97 of the FCC Rules authorizes, "Amateur stations must use no more transmitter power than the minimum necessary to carry out the desired communications". It also says that this minimum may not exceed 1500 watts (PEP).

I have received lectures for failure to identify often enough from amateurs using as much as 1000 watts when 50 watts would have been ample to carry on the QSO. I sometimes question the validity of using the 1500 watt legal limit as being "necessary to carry on the desired communication", when the communication consists of only an exchange of two or three digit signal reports, such as in a DX pile-up. The DX station could do much to eliminate this type of operation if it would let it be known that it plans to answer only the weakest signals heard.

Recently my CQ on 40 meters in Covina, CA, was answered by a station near Portland, a distance of about 800 miles. The signal strength from this station was about 30 dB

over S9 on my receiver. It was obvious that my full power of 100 watts was not needed in order to QSO. I went back to him with power cut to 4 watts - he came back with a report of 5/7. A report of 5/7 indicates perfectly readable moderately strong signals. After I convinced the operator of the Oregon station that he didn't need his amplifier, his signals were still S9 (extremely strong). Due to unstable conditions he asked me to QRO so I increased to 40 watts output. After giving him my thoughts about excessive power being inconsistent with FCC rules, we had a nice 30 minute QSO with both running about 40 watts of output power.

By keeping power levels down, more QSO's can be effective without causing interference to others.

Many of us can remember a time not too long ago when the FCC took some very drastic action in order to reduce the use of unauthorized power levels in the 11 meter band. If we are not capable of regulating ourselves in the use of legal power limits it is conceivable that this sort of action could be used again.

It is proposed here that the Amateur fraternity should be every bit as diligent about the power level rules as it is about out-of-band operation, identification, license examination cheating, purity of emission, etc.

ELECTRONICS TRAINING GROUP

Where are you?

In 1940, senior officers of the U. S. Army Signal Corps recognized that the rapid development of radar, VHF microwaves and other exotic electronic arts was creating a shortage of electronic officers that could not be met from the usual sources -- West Point, Reserves, etc.

The Electronics Training Group (ETG) was organized in the Spring of 1941 for the specific purpose of providing U. S. Forces with a pool of specially trained radar and communications specialists.

Recognizing that many qualified candidates were hams, George Bailey, President of the American Radio Relay League, was asked by the National Defense Research Committee to head up recruiting. Nearly 500 men with experience in electronic communications were commissioned as Second Lieutenants.

These Officers, led by a small group of active duty Reserve Officers were sent to England for training with British Air Warning units. By December 7, 1941, nearly two hundred were in the UK, officially as: "Military Observers: attached to the U. S. Embassy.

Following Pearl Harbor, many were immediately assigned to operational units and a number died in action with the RAF and other British units. Others returned to the U. S. to work in the labs or to be redeployed to other overseas theaters as radar and communications officers in Signal Corps or Air Force units.

Louis Goetz, K5WK, member of ETG Group #1, is trying to locate former ETG members with a view to getting out a newsletter, holding mini-reunions in connection with other amateur and professional meetings--perhaps even a 50th anniversary reunion in 1991.

Former ETG members or those with knowledge of ex-ETG people are asked to write:

Louis P. Goetz, K5WK
1611 South Missouri St
Roswell, NM 88201

Editors Note: Jerry S. Stover, W5AE originated this request for information. He believes that a number of QCWA members may be former ETG people or, perhaps have knowledge of other ETG'ers. Louis Goetz, Harry Moore and Jerry Stover make 3!


THE QCWA MEMORIAL FUND AND BUILDING FUND THANK ALL OF YOU FOR
YOUR SUPPORT IN 1988. MAY YOU HAVE HEALTH AND HAPPINESS!

Board Approves Modified Dues Schedule!

QCWA MEMBERSHIP DUES SCHEDULE

Effective 2/15/86

Term of Membership	U S Members	International Members	Family Members
1 Year	\$12.00	-	-
2 Years	\$20.00	-	-
3 Years	\$25.00	\$10.00	\$10.00
Life	\$125.00	\$50.00	\$50.00
LTP*	\$135.00 (3 @ \$45)	\$60.00 (3 @ \$20)	\$60.00 (3 @ \$20)

*If Life Time Pay program is not completed in one year all funds received are used to extend regular membership at the 3-year term rate.

NEW MEMBERS ARE REQUIRED TO PAY A ONE-TIME CHARGE OF \$3 AS AN INITIATION FEE, IN ADDITION TO THE SCHEDULE ABOVE.

MEMBERSHIP FEES MUST BE PAYABLE IN U.S. FUNDS ONLY!



EXISTING DUES SCHEDULE

THIS SCHEDULE IN USE FOR THE PAST THREE YEARS IS EFFECTIVE THROUGH FEBRUARY 28, 1989.

ALL MEMBERSHIPS OR RENEWALS TAKEN BEFORE MARCH 1, 1989 WILL BE HONORED FOR THEIR CONTRACT PERIOD. UNDER THIS CURRENT SCHEDULE INTERNATIONAL MEMBERS DO NOT RECEIVE QCWA PUBLICATIONS UNLESS ORDERED SEPARATELY

NEWLY APPROVED DUES SCHEDULE



NO CHANGE IN DUES SCHEDULE FOR U. S. MEMBERS!

THE ONLY CHANGES ARE TO ELIMINATE MEMBERSHIPS NOT RECEIVING AT LEAST LIMITED QCWA PUBLICATIONS DUES OF ALL INTERNATIONAL MEMBERS MADE EQUAL TO U. S. MEMBERS DUES

ALL MEMBERS RECEIVE AT LEAST LIMITED QCWA PUBLICATIONS

YOU CAN NOW USE AMERICAN EXPRESS, VISA OR MASTER-CARD WHEN ORDERING SUPPLIES, OR SENDING IN DUES PAYMENTS!

We need your card number (write it plainly), date of expiration and which credit card you are using!

QCWA MEMBERSHIP DUES SCHEDULE

Effective 3/01/89

Term of Membership	Regular Members	Family Members
1 Year	\$12.00	-
2 Years	\$20.00	-
3 Years	\$25.00	\$10.00
Life	\$125.00	\$50.00
LTP*	\$135.00 (3 @ \$45)	\$60.00 (3 @ \$20)

U. S. Members receive all publications via bulk mailing. Canadian/Mexican members receive all publications via first class mail. International members off the North American Continent will receive the annual Winter Issue of QCWA Journal via airmail.

*If Life Time Pay program is not completed in one year all funds received are used to extend regular membership at the 3-year term rate.

NEW MEMBERS ARE REQUIRED TO PAY A ONE-TIME CHARGE OF \$3 AS AN INITIATION FEE, IN ADDITION TO THE SCHEDULE ABOVE.

MEMBERSHIP FEES MUST BE PAYABLE IN U.S. FUNDS ONLY!

QCWA Project Reports

QCWA MEMORIAL SCHOLARSHIP FUND DONORS - 1988

Listed below are the donors of gifts made to the QCWA Silent Key Memorial Fund during the year 1988 to date.

The Memorial Fund awarded seven Scholarships of \$700 each in 1988. The total of the Memorial Fund account is 73140.50, as of October 31, 1988

Donor(s)	Honoring		
Chapter 55	W9JGT - W9SQT	Chapter 79	W0FGO - NQ0R
Chapter 45	W4AJX - K4JET	Chapter 148	All Silent Keys
Chapter 64	WA5KGP - K5RYS	Herman Kramer	K4JET
	W5DVL	Chapter 14	All Silent Keys
Chapter 126	W1VMD	Chapter 38	W5HGG
Chapter 19	KB0ZL	W1NJM, HORSFALL,	
Chapter 77	Chapters SK members	W9PT, W4VQE,	
Chapter 38	W5GYW	W9LKA, KG4L,	
Chapter 21	W8DCW	W4LZV, K1HYL,	
Chapter 152	VE1SH - K4GRM	W4DHN, VE3CDM,	
	N4KB	K4FA, W1GOG,	
John & Mary Dack	W7AAK	W2DV, K4EBP,	
H F & Evelyn Christianson	W7AAK	W0MIA	K4GV
Chapter 87	W7PX	Chapter 38	NX5M
Mary K Anderson	W7AAK	Chapter 87	W7OCR
Sidney & Mary Lyons	W7AAK	Chapter 79	N7PM
Kirk & Doris Young	W7AAK	Chapter 27	N7XW
The Botany Club	W7AAK	Chapter 45	K4TB
Chapter 88	W4YXW	Estate W6FFN	All Silent Keys
Chapter 119	W4QR	Chapter 108	All Silent Keys
Chapter 12	W4BB	East Tennessee	W4FUI
Chapter 38	WSOSJ	Palmetto	KE4CT & W4BJE
Chapter	W5OMP	Evergreen	W7NIZ
Chapter 131	W4JCK	Chapter 142	All Silent Keys
W7BC, W7JMX		Chapter 149	All Silent Keys
W7GL	1987 Silent Keys	Chapter 104	W7PX
W6KHM	K6TV	Chapter 152	K4JNC
W7000	W8NJF	Chapter 6	W8SFI
Chapter 1	W8WGN	Chapter 41	W5ATM - W5LUN
W4FQM, W4WBC, K4EC, N4GYJ	Suncoast Silent keys	Chapter 12	W5EZC - W5HYK
Chapter 6	W3PFD	Chapter 55	K4MBC
		K6WM	W9SNK
		W1PCD	All Silent Keys
			All Silent Keys
		Total all gifts through October 31, 1988	
			\$5187.00

A lump sum gift of \$5000 or more entitles one to name a QCWA Scholarship Award in the Name of any person or organization.

Gifts to the Memorial Fund may be made to QCWA, Inc., 1409 Cooper Dr., Irving, TX 75061.

QCWA BUILDING FUND DONORS - 1988

The QCWA Building Fund, established for just a short time, has begun to accumulate funds. A total of \$2950.37 is deposited in the Building Fund Account. Gifts can be made to: QCWA, Inc., 1409 Cooper Drive, Irving, TX 75061.

WA4ZVO	W5KL
W5NC	Chapter 148
K6CNB	K0GRM
Chapter 107	Chapter 32
Chapter 150	Chapter 46

Total all Gifts through October 31, 1988

1075.00

News & Stuff

WALT'S HAD ENOUGH

Dear Ted: Things in general are beginning to make me mad. Circumstances beyond my control have created an unnatural anger that fits uncomfortably. I've most been a happy sort of guy, but lately I've been annoyed by my increasing callousness.

BMW driving, Rolex wearing, 30-year old yuppie Junior executive types, with 2.8 kids and a station wagon in the carport are quietly molding our society into an unrealistic existence that makes very little sense to me. Maybe its because I don't belong to the JCs, PTA or watch the Cosby show that I've not learned how to adjust to this changing lifestyle. These people write new laws on congressional staffs, safety groups they chair, and worst of all they want to tell me how to live.

Hell Ted, I think I've become a misfit and by 1988 standards, a menace to society, a hopeless burden on society and government, and a killer on the loose. These people are trying their damndest to stop driving fast, eating rare steaks, country ham & red-eye gravy, sipping Jack Daniels and drinking real beer. These types have told me that the genuine Confederate flag I fly under my beam is a racist act! You know what? I have the last word when I tell them, criticism be damned, its my life and I live it, I love it.

It's attitude adjustment time on Kent Island, so I'm going to pour several fingers of Jack Daniels and drink a toast to all the remaining real men that are left - why not join me?

Walt, W3WPY

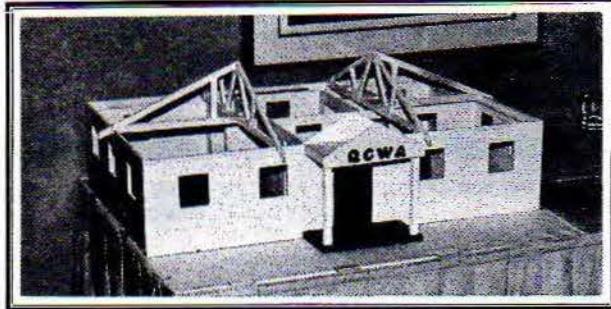


QCWA BUILDING FUND COMMITTEE APPOINTED

At the McLean, Virginia Board meeting, held in September, 1988, the Board established a Building Fund Committee (see Page 111) charged with producing a system for raising money to permit QCWA to build a building which would, when completed, be the official residence of the Organization. The committee consists of:

Joe Moskey, W1JMY; Duncan Kreamer, W1GAY
Phil Stern WA4ZVO; Wes Randles, W4COW

The Committee will make regular reports on progress to the Board at its semi-annual meetings.



The picture above is of a model, prepared by Wesley Randles, W4COW, showing the essentials of the home projected at this time. The building is visualized as having a usable space of approximately 1000 square feet.

Added information may be obtained from any of the Committee members listed above.

QCWA MEMORIAL FUND RECEIVES MAJOR GIFT

On November 15, 1988, QCWA received a gift of \$5000 to the Memorial Scholarship Fund - the donor - Cresson Donbar, K4YL!

The Gift is particularly significant in that Cresson was the QCWA Member who contributed the very first gift ever received by the Memorial Fund - a gift of \$100 made September 7, 1977, only about six weeks after the Scholarship program was adopted by QCWA at its Seattle, Washington meeting in July of 1977. Through the intervening years Cresson has given to the Fund annually!

Cresson's gift will, upon approval by the Board of Directors, contribute toward establishment of the CRESSON FLOYD DONBAR SCHOLARSHIP.

Two other such gifts have been received by QCWA. Both provided funds establishing the Robert Cresap Scholarship and the Leo Meyerson Family Scholarship.

CANDIDATES NOMINATED FOR THE 1989 ELECTION

The list following is that of Candidates for office that have been officially nominated by the Nominating Committee, or who have been nominated officially by means of membership petition as of December 1, 1988.

For the Office of President:

Jim Walsh, W7LVN

Harry Dannals, W2HD

For the Office of Vice President:

Hugh Winter, WSHD*

For the Office of Secretary:

John Swafford, W4HU

Jack Goldfarb, W8WGO

For the Office of Treasurer:

Wesley Randles, W4COW*

For the Five Offices of Director:

Milt Chaffee, W1EFW

Stuart Meyer, W2GHK*

Pete Backstrom, W3DM

Neil Foster, KC4MJ

John Kelleher, W4ZC*

Arthur Kay, W5APX*

Albert Zimmerman, W8UYN

Travis Baird, W9VQD*

The QCWA Nominating Committee may certify additional nominations, but their work must be complete and in the hands of the Secretary no later than December 31, 1988

Petitions by membership may be accepted by the Secretary but must be in his hands by December 31, 1988.

News & Stuff

BIRTH OF A NEW SCIENCE

If ever there was a subject in the history of science that proved that scientists knew what they were doing, it was solar system mechanics. Physicists' explanations of the regular, orderly movement of the planets helped to establish physics as a believable, predictive science. Even today we rely on Newtonian physics in our daily lives. Einstein's relativistic corrections pertain only to velocities germane to Star Trek's Enterprise, and the disturbing uncertainties of modern quantum mechanics affect only the submicroscopic realm, which we can readily ignore.

Conventional physics was eventually rebuffed by phenomena apparently too complex for solution, such as turbulence. But physicists remained confident that their own creative brilliance combined with the raw power of modern computers would eventually unravel such complexities. In the 1960s, as recounted by James Gleick in his new book, *CHAOS, MAKING A NEW SCIENCE* (Viking, 1987, \$19.95), Massachusetts Institute of Technology meteorologist Edward Lorenz reached the demoralizing conclusion that even weather forecasts would be forever beyond our grasp; the tiniest eddy created by a butterfly in Peking could, within a month, grow exponentially and unpredictably into an Atlantic Hurricane. While Lorenz doomed TV weathercasters to roles as the perpetual buffoons of science, he simultaneously ushered in the "Science of Chaos."

Gleick's book--itself a bit chaotic in its organization--is filled with anecdotes about the somewhat wayward creators of the new science. He presents the highly mathematical subject qualitatively, metaphorically and even philosophically, applying it to medicine, biology, climatology and economics. But Gleick's occasional references to Jupiter's Red Spot and the asteroids fail to emphasize that even those paragons of orderly Newtonian physics, the motions of the planets, have been assaulted by unanticipated chaos.

Jack Wisdom, now also at MIT, has found abundant chaos in the solar system, past and present. Saturn's Hyperion tumbles ominously and weirdly, and this motion helps to reconcile confusing data from the two Voyager spacecraft that flew by Saturn in 1980 and 1981. Dr. Wisdom now thinks most planetary satellites went through epochs of chaotic rotation. Some asteroids may spontaneously leave their ordinary paths in the main belt and rush headlong toward Mars, or even Earth. Such chaotic behavior explains why asteroidal fragments can strike our planet and fall as meteorites.

Most recently (Science for May 20) Dr. Wisdom has used a small, specially-built computer to calculate the orbits of the outer planets back for a billion years. At least one, Pluto, is in an unstable orbit, according to Dr. Wisdom, who is adept at recognizing the telltale signs of chaos. It is possible that Pluto "could without warning head off into a new orbit," according to Science reporter Richard Kerr. Jack Wisdom has so far only hinted at the surprised awaiting us in what had seemed the most secure domain of science, the motions of the heavenly bodies."

The above article, reprinted from The Planetary Review, Volume VIII, No. 4, dated July/August, 1988, was written by Clark R. Chapman, recently retired Chairman of the advisory committee overseeing NASA's research and analysis program in Planetary Astronomy.

NEW ORGANIZATION PROPOSES CAMPAIGN FOR PETITION TO AUTHORIZE NO-CODE LICENSING

QCWA has received word that a new organization, chartered as the National Amateur Radio Association, Inc., is being established with the prime responsibility of formation of a Petition to the Federal Communications Commission which would provide for a beginning no-code license for amateur operation. The petition would specify a new ham-class license requiring examination - but not a 5 wpm Morse code requirement.

The Association has been formed by Fred Maia, W5YI, who publishes the W5YI Report. Impetus for the activity has been the recent Canadian re-structuring of its licensing policies - adoption of rules permitting entry-level no code licenses. The Canadian changes will become effective during the Summer of 1989.

WATCH OUT FOR HARRY!

HE'S TRICKY!

WINTER, 1988 FUNTEST PROBLEMS

- Hasafisti has a set of five (5) weights, so selected that it is possible to compound any load which is a multiple of 10, from 10 pounds up to the total of all five weights together. The choice of weights is such as to reach the maximum possible load. What are the five weights?
- What letter in the alphabet comes after T, E, L, H, B
- Hasafisti has two cans filled with water and a large empty fish tank. How can he put all the water into the fish tank so that he can tell which came from which can?
- You are a 2nd Lt. in command of a detail consisting of a Sergeant and six privates. You must install a 100 ft flagpole into a 10 foot hole. You have two ropes, one 12 feet long, the other 20 feet long, plus a candle. How do you accomplish this task?
- Find a number which, when diminished by a third, is a third of the value of the third power of the original number. (6 or 7 places only)

Try your luck! These are easy. Send your answers to W9QB at 1151 Fairway Drive, Dunedin, FL 34698.

Editors Note: Don't let Harry mislead you - the only reason he says they're easy is on account that he already has the answers. I'm gonna try to work them this time - how about a challenge - beat the Editor Contest! Now's the chance to rub his nose in the dirt!

FALL FUNTEST PROBLEM ANSWERS RECEIVED

Problem	(1)	(2)	(3)	(4)	(5)
Answer	No. Itrs in word=	Dist=2pi (n)(t) 2 pints=1qt	Mother & boy	A=-2 B= 4 C=16	7 to 1
W0JTC	OK	OK	OK	-	7/8
W9NHM	OK	OK	OK	OK	8/1
KI4V	OK	NG	OK	-	7/1
K7BHM	OK	NG	NG	-	8/1
K3CH	NG	OK	OK	-	7/1
W5NK	OK	OK	OK	OK	7/8
W0YK	OK	OK	OK	-	7/8
W1KUL	NG	OK	OK	-	7/1
K5AC	OK	OK	OK	OK	8/1
K9BL	OK	OK	OK	OK	7/1
W7CZL	NG	OK	OK	-	7/8
NM7M	NG	OK	OK	-	1/8

Note: There was a printing error in problem 4. The first element of the equation should have been (A)(x) squared. Some of you picked this up. Thanks!

/s/ Harry

Send all of your answers to:

Harry Neben, W9QB
1151 Fairway Drive
Dunedin, FL 34698

Editors Note: K9BL got 'em all - must be related to Einstein!

QCWA ACTIVITIES



All the Ladies visiting after the QCWW meeting at McLean



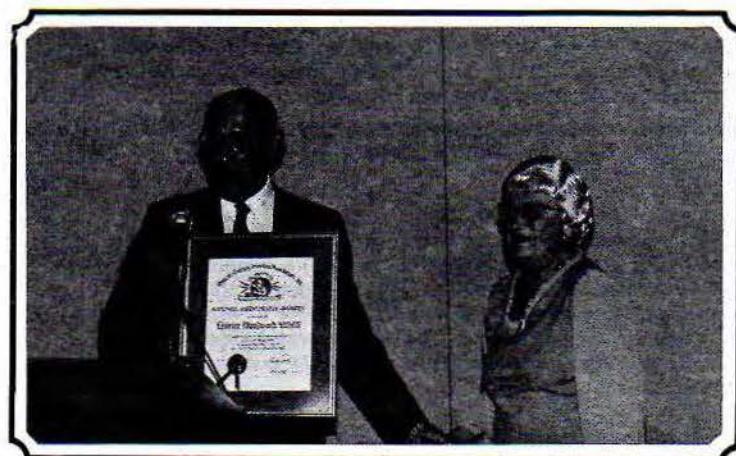
At left, Frank Lester, W4AMJ, center Ralph Hasslinger, W2CVF and George Apfel, W2GHV!



Mary Ryden, K8ONV, addressing the QCWW meeting at the McLean meeting which was well attended by both the Ladies and men!



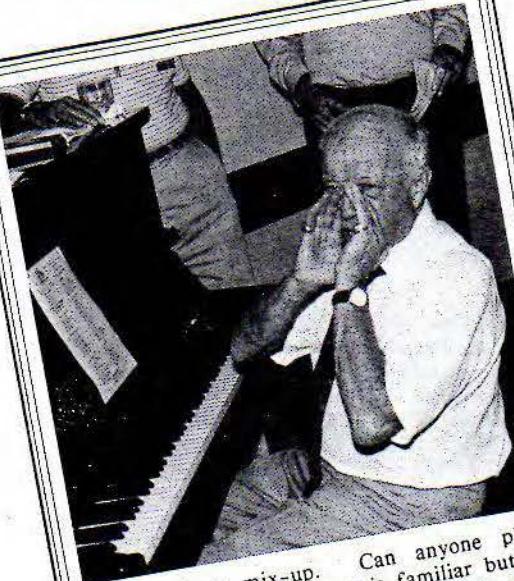
Leland Smith, W5KL, at left, presents the QCWA Distinguished Service Award to David Talley, W2PF (Member No. 4)!



Leland Smith, W5KL, QCWA President, hands the National Meritorious Award to Onie Woodward, WIZEN, QCWA Activities Manager.

See Page 108 for a
Story on the Convention!

QCWA ACTIVITIES



Photographers mix-up. Can anyone please identify this rascal? Face is familiar but just can't seem to get the name!!!!wait a min, can it be Mr. Scholarship?



Above, L-R are John Weber, KA2IXW; ? ; David Talley, W2PF; Harry Dannals, W2HD and Henry Schickler, W2ICW. All feeling great after a good breakfast at McLean!



One of the greatest gifts of the QCWA Conventions is the opportunity to see and have a short visit with amateurs such as Elizabeth (Liz) Zandonini, W3CDQ. Liz is one of our real World-Class amateurs. It was good to visit at McLean, Liz!



Above, at left, Leland Smith, W5KL presents the prestigious John DiBlasi Award to Clarence Seid, W2KW - the man who beats the California kWs!



This was a happy group, Leo Meyerson, W0GFQ with John Huntoon, W1RW at Center and QCWA Prexy, Leland Smith, W5KL take a moment to let the photographer record their visit!

QCWA CHAPTER NEWS

ON-THE-AIR (Continued)

SCHEDULED ON-THE-AIR MEETINGS REPORTED

1 Cleveland Chapter	Wed	2100L	W8OXA	28/88	
2 Chicago Area	1st Thu	2100L		147.15	
4 Northwest Chapter	Sun	1630Z	W7PN	3655	
		Sun	2000Z	W7FNC	3952
		Sun	2300Z	W7AZI	3952
5 Delaware Valley	Sun	1445Z	W2HX	3917	
6 Pittsburgh	Sun	1330Z	W8CSU	63/03	
	Sun	1415Z	W8CWY	3880	
7 Southern California	Sun	0900L	W6FQ	3917	
	Sun	1100L	K6BA	3690	
	Sun	1000L	W6ZRZ	146.85	
8 Upper Midwest	Sat	0800L		3880	
9 Dayton/Cincinnati	Sun	1700Z	W8DWT	3987	
10 Michigan	Sun	1200Z	W8LA	3930	
11 Northern California	Sun	0930L	W6FQA	3907	
	Sat	1000L	K6IGJ/K6BU	146.85	
14 San Diego	Wed	0400Z	K6QM	145.52	
15 Tulsa	Sun	0645L	W5FU	3830	
	Sun	0930L	W5FU	7157	
16 Arizona	Sun	0800L	W7ER	3890	
20 Baltimore	Mon	2400Z	W3EE	146.88	
21 Canton, OH	Daily	1400Z	W8CZA	147.42	
25 Nebraska	Sat	0830L	W0EUT	3982	
27 Houston	Thu	2000L	W5CCD	3866	
28 Central New York	Sun	1030L	W2UBU	3917	
31 Reading, PA	Mon	0100L		146.91	
32 Gator	Sat	0900L	W4OIN	147.37	
33 Gunderson-Penn-Jersey	Sun	0100Z		3982	
36 Northwest Indiana	Wed	0100Z	W9NGB	145.45	
38 San Antonio	Sun	2030L		28640	
41 Dallas	Sun	0715L		3835	
45 Citrus	Tue	2400Z		147.225	
46 Founders'	Sun	1615Z	W2DP	3917	
	Thu	0015Z	W2ICW	147.36	
48 Treasure Coast	Daily	1500Z		7153	
49 Atlanta, GA	Sat	0900L	K4VN	3832	
55 Wisconsin	Sun	0830L		3985	
58 Colorado	Sun	0900L	W0IJR	3905	
	Sun	0930L	W0ERR	146.07	
60 East Tennessee	Sun	2200Z		3875	
61 Detroit Metro	Sun	0800L	W8IHX	3664	
62 Suwannee	Sat	0900L	K4BRC	3940	
63 Central Oklahoma	Sun	1400Z	K5DLE	3855	
64 El Paso	Sat	0830L	W5BFN	3933	
65 Niagara Frontier	Sun	1330L	W2SD	3900	
73 Southern Ontario	Sun	0900L		3772	
77 Northern New Jersey	Sun	1300L		3917	
	Thu	2000L		147.285	
79 Sunflower Chapter	Wed	2100L	W0MYM	146.82	
	1st & 3rd	1400L	W0AWP	3610	
	2nd & 4th	1400L	W0MYM	3915	
80 Caloosa	Wkly			146.52	
84 Florala	Mon	0130L	KF4BU	146.28	
85 Ark-La-Tex	Mon	0200L		146.76	
87 Evergreen	Sun	1400Z	W7CJ	3985	
89 Palmetto State	Sat	0900L	W4HDO	3927	
	Sun	1700	N4LS	3695	
90 Razorback	Sun	1300L	W5MYZ	3907	
96 Gateway	Sat	1600Z	W2KGI	3933	
102 Dakota	Sun	1400Z	W0HOJ	3890	
104 Treasure State	Sat	1700Z		3938	
106 German	Mon	1700Z	DL9AR	3663	
	Tue	1730Z	DJ2ZB	3555	
107 Central Florida	Sat	1400			
	Thu	1400Z		21380	
109 Baton Rouge	Sun	0830L	W5URR	3905	
	Sun	2000L	W5URR	146.19	
110 Kansas	Sat	0730L		3920	
112 Yankee	Sun	0830L		3902	
117 Appleseed	Sun	2100L		147.27	
118 Coastal Carolinas	Mon	2000L	W4EHF	146.28	
120 QC Wireless Women	Tue	1900Z		14295	
122 Lake Erie-Tri State	Sun	0930L		3915	
123 Lee deForest	Sat	1330Z		3885	

QCWA INTERNATIONAL & REGIONAL NETS

QCWA INTERNT'L	Sun	2000Z	W6FQ	14347
QCWA CW NET	Wed	2000E	W5QU/W4PI	7035
Florida SSB	Sun	2400Z	W4PI	3955
NE Regional	Sun	0845L	KA2IXW	3917

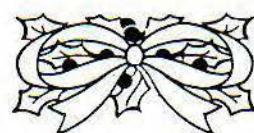
Schedules taken from Chapter Reports filed with HQ. If changes are needed please file them on a standard Chapter Report form.

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65	132
66	133
75	138
77	140
81	141
87	142
89	135 - 183
92	141
106	137
108	132
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120	131
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QCWA CHAPTER NEWS

SILENT KEY MEMBERS

Stevens, Warren J	W1BME	7926	88	Depue, Burton W	N7EJY	16383	88
Carter, Leonard J	W1GNE	12879	88	Sterling, Les L	K7GL	3982	88
Broderick, Henry M Jr	W1IMV	17914	88	Fiedler, F W	W7IEB	4439	88
Taylor, Robert D	W1RNJ	14526*	88	Monasmith, Clifford F	W7NIZ	10262	88
Grindle, Frederick M Sr	K1SRE	3275	88	Henry, Gordon I	W7RIR	1663*	88
Trapkin, Jack H	W2CD	1103	87	Polson, Kenneth M	W7RU	12115	88
Weber, Emil	K2EW	9422	88	Gleason, Edward	W8DVY	2780*	88
Conrad, Kenneth W	W2HIE	4471	88	Kronauer, Marcus C	W8ECK	10979	88
Sprick, Frederick V	W2LPV	17467	88	Bible, Lester M	W8LX	16716	88
Price, Richard C	W3DBT	6667*	88	Grundhofer, William C	W8NDJ	8401*	85
Steele, James T	W3FUM	20660	88	Simons, Harold C	W8OC	1488	88
Wallin, Hyman	KA3HTH	16033	88	Ralston, Donald D	W8SFI	15150	88
Fraser, Lorence W	W3LMZ	8043	88	Biederman, Lester M	KA8TFA	18152*	88
Walter G. Walker	W4AKN	949*	88	Chapman, F Wayne	W8TKR	16465	88
Neely, William W	W4BJE	11365	88	Oprisko, George W	K9AAR	16420	88
Thomas G. Brawley	K4DPY	9489*	88	Stockslager, C S	W9FOO	5316*	81
Klar, Edwin F	W4FAD	6251	88	Miller, John	W9PBS	11859	88
Beeler, C Terry	W4FUI	13982	88	Prepejchal, George J	W9SN	8049	88
Dixon, James L	W4JL	6076*	88	Kaetel, H Charles	W9SNK	8619*	88
Lee, Clyde F	N4PL	2797	88	Tresidder, Victor O	W9TQ	8087	88
Decius, Wilbur L	W4VPN	19215	88	Payne, H Kenneth	W0AIL	5664	88
Pcheny, John	W4VXV	9882	88	Raspilliar, William Sr	N0APS	19057	88
Lawrie, Alexander R	K5BZ	18336	88	Morgan, Harold W	K0JTP	15767	88
Harrell, David Jr	W5CVQ	8706	88	Walker, Ramon S	W0OWP	4835	88
Grossman, Mervin H	K5CY	8885	88	scott, John Jacob	W0QIH	9546*	88
Wallace, Robert Mitchell	W5HYK	13880	88	Kaiser, William G	K0RQA	19703*	88
Drumeller, Carl C	WSJJ	2877	88	McCarty, W F	W0UPY	11109	87
Bean, George B	W5MY	20369	88	Lederer, Kurt	DL1CW	15952	88
McMillin, John M Jr	W5OWP	14236*	88	Plachner, Ilse	DL6KY	13315	88
Parr, G Wesley	W6BWG	8445*	88	Eberlein, Wolfgang H	DL9GW	12734	87
Neelands, Reginald John	W6DLL	2957	88	Harley, Henry	VE3BR	5113	88
Elliott, George E	W6ENC	12185	88	Bentley, William L	VE3DZF	14203	88
Sokolovich, William	N6HO	19975	88	*Life Membership			
McCullough, George B	K6JI	2527*	88	Silent Key Members			
Vaughan, Everett H	W6KYJ	4003*	88	Reported Through November 15, 1988			
Etchells, E B	W6OED	6206*	88				
Mokrison, Wilbur P	W6OSD	4589*	88				
Beilin, Lawrence E	K6VDP	21176	88				
Blackmon, Arthur L	W6VHA	2601*	88				

QCWW CHAPTER No 120 of QCWA

Ann Arnholt, K9RXK
11351 S 450 E, Elizabethtown, IN 47232

The annual meeting of QCWW was held at the McLean Hilton in McLean, VA at 4PM, September 24, 1988, following the afternoon sessions at the QCWA Convention. The meeting was chaired by Mary Ryden, K8ONV, Vice President. Twenty-four members and guests were present.

Blanche Randles, W4GXZ informed the Chapter that full members could hold life membership in QCWW, but Family members could not. Paul Gerbracht, W3QPP, was commended on his editorship of Chapter 120's new publication, Silver Sparks. Handmade mats made by our Chapter President Adah Elliott, W9RTH who had been ill and unable to go to the meeting, were passed out to the members.

It was noted that QCWW will celebrate its tenth anniversary in 1989 and we have hopes of making it a special meeting at the next QCWA Convention.

The Chapter gained three new members after the meeting and several others asked for applications.

NORTHEAST INDIANA CHAPTER #159

Howard Knepper, K9KAL
PO Box 455, Auburn, IN 46706

At our Quarterly dinner meeting held on September 11, we displayed our banner for the first time. We all are very proud to have it. Due to some sickness, family obligations and a couple having left for Florida for the winter, attendance at this meeting was down some, but not our spirit!



In the picture above, L-R seated are: Kathryn Perry, K9VMP; Howard Kline, W9QWI and Jim Sellers, K9ZBM, Chapter President. Standing are: Ed Dunkin, WA6OIZ; Art Olds, W9JIN and Howard, K9KAL.

Our next dinner meeting will be Sunday December 4th, at Gottfried's Restaurant in Garrett. Visiting amateurs and QCWA members are always welcome.

We have received word that Fred Elser, KH6CZ has passed away. Fred was past President of OOTC and a strong worker for Amateur Radio.

SOUTHERN CALIFORNIA CHAPTER No. 7

Lenore Jensen, W6NAZ
14867 Round Valley Dr, Sherman Oaks, CA 91403

QCWA members were well entertained at the Southwestern Division Convention September 2, 3 & 4 at the Disney Land Hotel. Friday evening started the fun with a two-hour no-host cocktail party called "Meet and Greet Old Timers" gathering. Many fascinating displays included a Tesla coil (loud!) demonstration; A spark Gap (equally Loud); memorabilia of the late and great Don Wallace, W6AM, plus plans for the upcoming Wallace Ranch Museum. A Laser display and a walk-around magician added to the entertainment.

A wide variety of technical sessions went on all day Saturday followed by a well-attended banquet Saturday evening, featuring speaker Dave Bell, W6AQ, who gave a brilliant talk about his teenaged entry into ham radio, full of humor and nostalgia.

Sunday morning's breakfast was for QCWA members who enjoyed a slide show of exotic countries by the famous team of Iris, W6QL, and Lloyd Colvin, W6KQ. Their stories were delightful.

The ARRL Forum was conducted by Director Fried Heyn, WA6WZO, and ARRL First Vice President, Jay Holladay, W6EJJ. Thanks to the great number of volunteers who made the weekend such a success!

QCWA CHAPTER NEWS

NIAGARA FRONTIER CHAPTER No. 65

Kenneth R. Palmer, K2FJ
12750 Williston RD, East Aurora, NY 14052

Our Chapter members and those of you who knew Robert House, W2JPE surely regret his passing. Bob was a Director of our local Chapter and very active on the bands. He was my "home liaison" when I was overseas on my DX-peditions to Gibraltar (ZB2G), Western Samoa (5W1ER) and others. Our member Don Wagner, W2QFC assisted Bob's wife Margaret in disposing of the equipment and parts.

Niagara Frontier Chapter has donated a VCR machine to the Buffalo Veterans Hospital where it has been put to use by the Medical Staff. Again this year we were blessed with good weather for the annual picnic at Bob and Pat Johnson's summer

home in South Wales (NY, not VK). Some members had fun operating Bob's first class amateur station.

Chapter elections are being held while this is being written. Results will be in the next Chapter news in the QCWA Journal. Gus Gustafson, W2IOV is now living in Florida

Your Secretary suffered a heart attack several months ago. While recovering, Chapter Treasurer Bob Habermehl, W2KKZ and local DX'er Lonny, WA2AOG attached a 3-element tri-band beam and rotator to my 60-foot tilt-over tower. It's great to have a good HF antenna system! Happy Holidays to all QCWA members!



The picture above shows awards being issued - L-R are:
Bob, W2JPE (deceased); President Slim, W2SD;
Stu, W2NW; and Carl, W2YE

BEAVER STATE CHAPTER (108) QCWA

Frederic H. Dickson, W7LBH
38566 Parkside Road NE, Albany, OR 97321

Beaver State Chapter #108 held its annual picnic with a pot-luck luncheon prepared by the XYLs and in some cases by the members themselves proving they are able to deliver more than voice and code signals. There was plenty of good food.

In keeping with the picnic atmosphere, President Norris Bundy, W7ILE, conducted a very short business meeting and said he would appoint, military style, a nominating committee since there were no volunteers for the Committee to assemble a slate of potential officers which could be voted on at the next meeting. A show of hands indicated that the Chapter would have adequate representation at the QCWA gathering during the ARRL National Convention in Portland on the 9-11 of September, 1988.

The afternoon was spent rag-chewing along with the taking of pictures.

WISCONSIN CHAPTER No. 55

Lester A. Peterson, W9YCV
9741 W Howard Ave, Greenfield, WI 53228

On Saturday October 1st and in spite of rain, 112 members, spouses and guests gathered together at the Oakwood Inn in Waupaca, WI for the chapter's annual dinner meeting. Preceding dinner, Barb Regent (N9DIJ) our treasurer's wife, gave the invocation. The family style meal of swiss steak and chicken and the rest that goes with it, including a delicious cheese cake with cherry topping, was a big hit with the group.

In the absence of Chairman LaBlonde, W9FZC, Vice Chairman Fergie, W9IEM, presided over the meeting. A moment of silence was observed for our recent "Silent Key" Marcus Kronauer, W8ECK. Also our thoughts were with those members or wives in nursing homes, hospitals or recovering from recent surgery or illnesses.

Officially welcomed into the chapter were the following new members:

Millard Christianson, KD9QP
Robert Lade, W9UCR
Richard Lust, K9APW
John Meyer, NZ9Z
Michel Roy, K9GU
Dennis Rybickie, K9LGU
Warren Schall, K9IZV

ARRL Section Manager, Rich Regent, K9GDF, presented Fred Linn, W9NZF with a plaque for 50 years of continuous membership in ARRL. Next, Fred reported on the Linn's attendance at the recent Antique Wireless Association convention in Canandaigua, NY. He also had three antique radios on display at our meeting. Grace Peterson, wife of the Secretary, received from him a well deserved thank you and round of applause from the group for all the hand lettering on Chapter Certificates and typing done the past six years.

In the business meeting the minutes and treasurer's reports were read and approved. A report from the auditing committee was read, also a letter from Jim Walsh, W7LVN, regarding his candidacy for the office of President of QCWA. The amendment for free membership dues for qualified elderly members was referred back to the board for study and rework. An election of four Directors was conducted. Those elected were:

Uke Minaga, W9DU
Roy Pedersen, K9FHI
Bob Baird, W9NN
Travis Baird, W9VQD

In the Board meeting the following Officers were elected:

Ed Seruga, KE9JJ, Chairman
Fergie Ferguson, W9IEM, Vice Chairman
Roy Pederson, K9FHI, Secretary
Rich Regent, K9GDF, Treasurer

MARK YOUR CALENDARS - Spring, 1989 meeting will be in Wisconsin Rapids on Saturday, June 3, 1989.

GUN BARREL CITY, TEXAS

Ray Hennington, W5IWE
168 Turner Dr, Trinidad, TX 75163

At the June 1988 meeting of the Cedar Creek Amateur Radio Club (Gun Barrel City) Don Bertas, W5COL was presented his Golden 50-Year Certificate as a continuously licensed Amateur for a half-century. Presentation was made by President of CCARC, Ray Hennington, W5IWE, also a member of QCWA.

Don was first licensed as W9MTT in Minneapolis, Minnesota. Two high school buddies passed their test and received their licenses at the same time were on hand to surprise Bertas. They were Ed Evans of Houston, W5LK, and Bob Olson of Dallas, W5RCZ.

QCWA CHAPTER NEWS

SPACEPORT CHAPTER No. 66

Spencer Allen K0REC
6401 Azure Ln, Cocoa Beach, FL 32931

Meeting called to order by Vice President Orton Duggan, W4EQE in the absence of hospitalized President Bob Stewart, K6ETB. After the pledge of allegiance, 20 members and guests identified themselves with brief rundowns of their military service.

Secretary Spencer Allen, K0REC after a two month absence while recovering from a broken hip, appeared sporting a full beard. With Spence retaining the power of veto, the members voted unanimously that he should keep the beard, the veto was not exercised.

Walt Hicks, K4PQ reported on President Stewart's stay in the hospital. All wished Bob a speedy recovery. Walt also announced he would have a slate of candidates for Chapter officers to be voted on at the December meeting.

Jim Farrior, W4FOK, announced his annual archeological trip early next year will be in Guatemala, searching for artifacts in Mayan ruins. Jim provides ham communications with his portable rig to the outside world from the jungle.

Bob Baird, W9NN, reported he had been in contact with three top National Officers of QCWA - President Leland Smith, W5KL; Secretary Jim Walsh, W7LVN; and Treasurer Wes Randles, W4COW. They told Bob they would be in Florida in early February and would like to meet with Spaceport Chapter, but there would be a conflict with our regular meeting date on the second Saturday of the month. Orton said this would be a most desirable meeting, and the new officers should propose an alternate date meeting to meet with the QCWA officers in February at our next meeting.

CENTRAL OKLAHOMA CHAPTER No. 63

The Chapter is saddened to report the passing of Carl C. Drumeller, WSJJ on September 6, 1988. Although his interest in amateur radio dated from 1921, he did not obtain a license until 1932 (W9EHC), followed by commercial licenses in 1933. As a broadcast operator, an Army Communications Officer, and as a CAA/FAA electronics engineer, he combined hobby and vocation until retirement in 1971. He contributed many technical and historic articles to various radio publications, serving several years as conductor of the Old Time Radio column in World Radio News. Besides QCWA, he was a member of ARRL, RCA, IEEE, OOTC and SOWP.

SOCIETY OF WIRELESS PIONEERS

GETS NEW PRESIDENT

The Board of Governors of the Society of Wireless Pioneers has named William C. Willmot, K4TF, of Merritt Island, Florida to be the Society's new President. The Society is an international organization of current and former professional radio (wireless) telegraphers.

Willmot has been active in wireless communications since his high school days. During WW-II, he served as an Army radio operator in the Pacific and later he served as a communications officer in the New Jersey National Guard and later, in the U. S. Coast Guard Auxiliary. While working for NASA, he spent four years as emergency radio officer at the John F. Kennedy Space Center.

Willmot is a member of several other radio organizations including the Radio Club of America where he was elevated to fellow status in 1987. He is also active in the Army MARS program as a radio operator.

EAST TENNESSEE CHAPTER No. 60

Bob Embry, W4HHQ
700 Markhill Rd, Sevierville, TN 37862

East Tennessee Chapter #60 held its semi-annual meeting at the Markhill Manor Retirement Resort. A delicious luncheon was served.

The program was given by Bob Dilworth, W4LQE, who described his QRP solid state portable rig and the special antenna used with it.



In the picture above, L-R are: Bob Embry, W4HHQ, Secretary/Treasurer; Bob Dilworth, W4LQE, President and, Charles Williams, AA4WX, Vice President.

The meeting was attended by QCWA Director, Art Kay, WSAPX, who provided the picture. A good time was had by all. The next meeting is scheduled for springtime, 1989.

WISCONSIN CHAPTER No. 55

Picture arrived a little too late to tie in with the Chapter news but not too late to include in the Journal. Pictured below are the Chapter officers elected for the 1989 term.



L-R are: K9GDF, Treasurer; KE9JJ, Chairman; W9IEM, Vice Chairman and, Secretary, K9FHI.

QCWA CHAPTER NEWS

QUARTER CENTURY WIRELESS ASSOCIATION SHENANDOAH VALLEY CHAPTER No. 137 Winchester, Virginia

The Chapter held its fall meeting on Wednesday, September 21, 1988, at Jimmy's Restaurant in the Holiday Inn, Rte 50, east of Winchester, with 14 members and guests present. A social hour was followed by dinner at 6PM. The meeting was moderated by Ed Rich, K3THD Vice President of the Chapter.

John Kanode, N4MM reported on FCC and ARRL matters and that the ARRL was expecting to appeal the decision in the 220-225 MHz reallocation matter.

Ed Rich announced that our newest member was Timothy Taylor, K4SAD, from Harrisonburg, who was unable to attend that evening. The by-laws were amended by a unanimous vote to raise the annual dues from \$2 to \$3, and to drop members whose dues are in arrears for one year. The dues increase is needed to offset higher mailing costs.

John Kanode and Ed Rich will contest.

act as a nominating Committee to select candidates for Chapter officers to be voted on at the Annual meeting that was scheduled for November.

John presented a slide program about the VHF DXpedition to the United Nations Building in New York City. A multistation layout was used in the June VHF Contest, operating on 50, 144, 220, 432, 902, 1296, 2304 MHz and 10 gHz bands with the call 4U1UN. A unique feature of this location is that it is considered a separate country, and is not subject to US radio regulation. For example, a power of three kilowatts was used on 432 Mhz. John's experience was that the UN Building was a good transmitting location, because of its height, but receiving conditions were terrible because of radio frequency interference from various sources in the NYC metropolitan area. In all, 1200 contacts were made, putting 4U1UN in 10th place in the

FINGER LAKES CHAPTER #29 of QCWA

Joseph P. Molinaro, W2FUU
7640 Sandy Lane, N Syracuse, NY 13212

A business meeting and luncheon was held October 28, 1988, to elect a new board of Officers for the forthcoming year. Twenty-two members and guests attended. This was one of our larger groups which was most gratifying.

Officers Elected were:

William E. Good, W2CVI, President
Philip C. Nobel, W2UKA, Secretary/Treasurer
Joseph P. Molinaro, W2FUU, Vice President

Joe, W2FUU will meet with the newly elected officers before the first meeting of the new year to review procedures and reports as outlined in the QCWA Chapter Manual (1987) of organization.

Membership was encouraged to checkin to the QCWA International net which meets on Sunday afternoons. Details of the procedures for checking into the net in an orderly manner by groups was explained.

One of our distinguished Chapter members, Robert B. Dome, W2WAM was referenced in the Mobile Roof Rack Antenna article on page 29 of the November, 1988 QST. Bob originally performed all the mathematical analyses for this antenna which is a directional discontinuity ring radiator (DDRR). His study was previously published in the July, 1972 issue of QST, on Page 27. In this excellent analysis of the DDRR antenna, Bob points the way to increase the antenna's efficiency from 2.75 to 25.8 percent to effect and increase of 9.8 dB in signal strength.

A few words about Robert B Dome are in order. Bob, W2WAM holds 115 patents in the fields of transmitter, receivers and antennas. Perhaps his most famous circuit and of particular interest to older amateurs is the Dome phase-shift network, which was used in the early designs of SSB transmitters. If you have access to early issue of QST, you might look up his article on increasing efficiency of short antennas (September, 1934). The article treats top loading of verticals - still a standard method of improving short antennas. Thank you, Bob, for your many contributions to amateur radio.

As your outgoing president and secretary/treasurer for the past two years, I would like to thank everyone associated with our Chapter for their kind support, cooperation and generosity to make the Finger Lakes Chapter so successful.

Best wishes for a Happy and Joyous Holiday Season.

FROM QCWA TO YOU

I know that each of you are just as busy as we've been this holiday season. Seems like we simply cannot catch up, let alone get a bit ahead. So little time for the important things like taking time to say "Good morning friend", and wishing for each a happy holiday - for those who are ill, the wish for recovery and peace - Our prayer - May the Lord visit each of you and whisper a message of encouragement during this Christmas season.

Ted, W5EJ

SUNCOAST CHAPTER No. 53

Robert Bookwalter, W4NWF
728 Valencia Rd, Venice, FL 34285

Suncoast Chapter No. 53 of QCWA held its monthly luncheon meeting at the House of Chong, November 3, 1988. There were 64 members and guests present. Two new members were welcomed - Sam Vejnovich, KE4MY and his wife Chris, KB4UDG.

The program consisted of a presentation on fibre optics. Mr. Christian, Supervisor of GTE's Sarasota Main Office gave the slide presentation. The Sarasota office is the largest GTE in the United States, having 4000 trunks and 60,000 lines. By 1990 it will all be electronic. The fibre optic transmissions make it possible for two fibres to carry over 16,000 conversations. By early 1989 it will be able to carry over 24,000! This is compared with one pair of copper lines that can carry 24 conversations.

Laser beams plus very pure glass fibers made this possible. At present amplification is required at approximately 50-mile intervals. In 1979 GTE transmitted a Tampa Bay Buc's game using fibre optics - a first for such an event!

The following are a number of advantages of fibre over wire lines:

copper supply limited, a thimble full of silica
will make one-mile of fibre.

No interference from electrical disturbances

no crosstalk

not affected by water

much lighter

In concluding Mr. Christian quoted an example of damage repair. A fibre optic cable was spliced in three hours - a copper cable of the same capacity would require 2 to 3 days!

The meeting and program was enjoyed by all!

QCWA CHAPTER NEWS

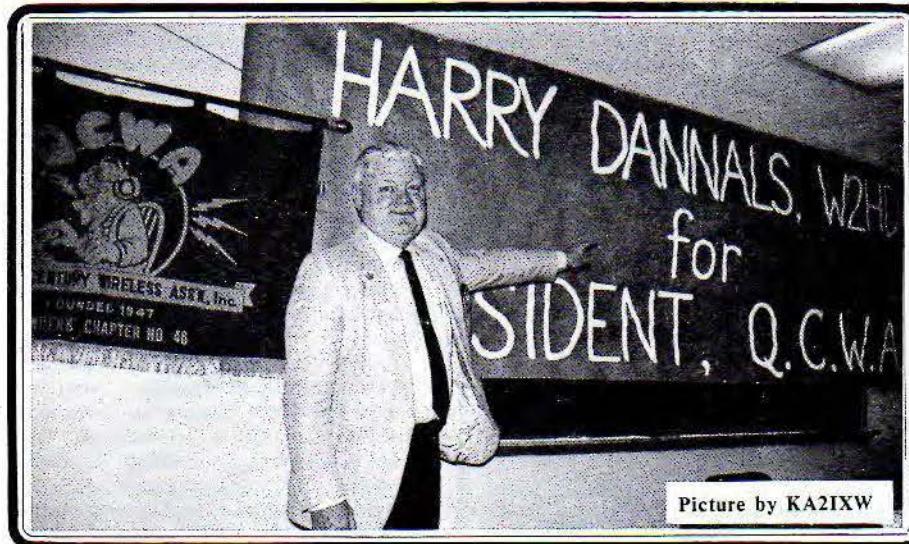
THE FOUNDERS' CHAPTER No. 46

David W. Winter, W2AUF
84-26 87 St, Woodhaven, NY 11241

The Founder's Chapter March meeting took place at the United Nations, featuring a very fine luncheon arranged by Max deHensler, HB9RS. A short business session preceded a tour of the UN facilities. 85 members and guests were present for this event.

The Chapters summer meeting took the form of a picnic held June 11, at Silver Mine State Park with all the usual picnic trimmings. Later the group went to W2KW's location to visit his QCWA Museum. A short business meeting was held followed by a great visit with Clarence at Radio Hill.

The most recent meeting was held September 28, at the 14th Street Armory during which time a video tape was shown of a special visit to W2KW's location at Middletown, NY. W2KW, Clarence Seid, is one of QCWA's Charter Members. He was interviewed, giving his impressions of the early days of ham radio as compared to today. After dinner, Chapter Chairman, John Weber, KA2IXW, opened the meeting with a report of happenings at the QCWA National Convention held at McLean, Virginia as well as a discussion of some of the items that were brought up, such as regional representation and associate membership. It was at this meeting that Harry Dannals, W2HD formally announced his plan of running for election to the office of President of QCWA in the 1989 QCWA election. John told us that other QCWA Charter members, W2PF, W2CVF and W4AMJ, attending the McLean Convention, had been interviewed on tape. Their remarks on ham radio will be edited and combined into a historic story. The video taping has been done by Walt, KE2GY,



Picture by KA2IXW

After his report, John introduced Harry, W2HD, see picture at above, who gave an interesting talk about ham radio in the past and what we must do for the future of our hobby and for QCWA. At the end of his talk, he was formally presented to the Chapter as a candidate for President of QCWA. His leadership experience as President of the ARRL for ten years, as well as his activities in many other organizations was cited. He was received by the group with a great deal of enthusiasm.

LEO MEYERSON GREATER PALM SPRINGS AREA CHAPTER #154

Mildred J. Bruner, WA6UZZ
5628 Gold Nugget Rd
Yucca Valley, CA 92284

The Leo I. Meyerson Great Palm Springs Chapter #154 met Saturday, October 8, 1988, at the home of Bruce Peterson, W6JWL.

A great luncheon was enjoyed sitting around the swimming pool and sauna in Desert Hot Springs, with weather that couldn't be beat. Chapter members and their spouses enjoyed hours of fellowship, in the Fall-like atmosphere.

Present were Bruce, W6JWL and Helen Peterson; Jim, W6COK and Millie; Bruner, WA6UZZ; Homer, W6HBE and Fran N6MUV Brumbaugh; John, W6HAG and Mary Aiton; Gene Todd, W6BBY; and Jerrie, K6INK and Stony, WA6PEX Stonier.

PALMETTO STATE CHAPTER 89

At the October 8, 1988 meeting of Chapter 89 Cecil Sills, W4HDO, long the Secretary/Treasurer of the Chapter, handed the reins to incoming Secretary/Treasurer John Miller, W0IKT. In the picture below both are shown busy with Chapter work at the meeting. John at the left, Cecil at the right.



Above, Cecil Sills, W4HDO at left, presents retiring Chapter President Joe Walker, W4DNR, with a memento commemorating Joe's term as President of Chapter 89!

NUTMEG CHAPTER # 149

Fred Heffner, W1CKV
213 N Granby Rd, Granby, CT 06035

On the thirteenth of August, nearly seventy-five determined members and guests of the Nutmeg Chapter braved the intense heat, shoreline tourist traffic, and in a few cases, hostile law enforcement officers, to attend the regular summer meeting at the Groton Motor Inn, in Groton, Connecticut.

After a much needed attitude adjustment hour and a delicious dinner the business meeting was chaired by Cal Bennett, W1KHL. The traditional reports were read and approved, old and new business items dispatched, and the meeting was duly adjourned.

The guest speaker for the meeting was Phillip I. Yates, RM1C SS, WB4FCC, from the nearby U. S. Naval Submarine Base at Groton. Phil presented a fascinating talk on the training of submarine radio operators and life in general aboard one of our nuclear submarines. In traditional Navy fashion, he was concise, precise and very informative!

QCWA CHAPTER NEWS

PELICAN CHAPTER No. 128

Don Bice, W4PCO
5511 18th Avenue N, St Petersburg, FL 33710

Pelican Chapter President Emeritus Phil Stern, WA4ZVO was the subject of a feature, profile article in the St Petersburg Times recently. An internationally known astronomer and lecturer - many will remember his wonderful talk on "Time" at the 1986 QCWA National Convention Banquet - Phil is currently conducting an Astronomy course, to overflow crowds, at St Petersburg Junior College, as well as, writing his syndicated column on Astronomy for scores of newspapers nation-wide. One interesting fact, brought out in the article, is that his first real "break" came from making emergency repairs and "testing" a public address system microphone while visiting the Hayden Planetarium in New York City. The skills he developed as a young radio ham, in the thirties, helped him hitch a ride on a comet!

Jay Strom, K9BSL, President of Pelican Chapter, invites all QCWA members to join our group for lunch and good fellowship at the Econo Lodge, 5005 34th St, N on the third Wednesday of the month. Or, if breakfast meetings suit you better, how about joining the gang in the back room at Buddy's, 5th Avenue N, at 34th Street on the first Wednesday?

By far the most popular activity that Chapter 128 conducts is our year-round 2-meter net. Network manager Perry Romig, KF4DI supervises the undertaking, which utilizes the SPARC Repeater. All QCWA members are encouraged to check-in, and join the fun. Every Saturday morning at 10AM on 147.06/.66, you can meet a friend.

CHICAGO AREA CHAPTER No. 2

Ero Erickson, KA9DYS
4024 N Pioneer St, Chicago, IL 60634

Chicago Area Chapter No. 2 October, 1988 dinner meeting featuring Wes Schum, W9DYV, founder and former owner of Central Electronics, designer and builder of amateur Single Sideband equipment. The meeting brought out Ed Webb, W9IPO, past Chapter President; Joe Schroeder, W9JUV, of Glenview, well known amateur radio and gun magazine writer and Phil Brankin K9UAA, current Chapter presidential nominee. Schum's story of his Central "E" Company revealed that Zenith Radio bought it for the wide-band amplifier patents to be used in military production which was later shelved.



The picture above has, left to right
W9DYV, W9IPO, W9JUV, K9UAA

CLEVELAND CHAPTER #1

Robert E. Bloor, W8LYD
24338 Smith Ave, Westlake, OH 44145

On August 20, 1988, 46 members of Cleveland Chapter # 1 and their XYLs visited the FAA Oberlin Ohio Regional Air Traffic Control Center. This visit was arranged by AI8M, Chapter Chairman and K8JK, a Chapter member. After a fine lunch together in Oberlin, the Chapter Members were given an explanation of the FAA operations and a guided tour of all of the facilities. All visitors were impressed with their courteous treatment and the devoted work of all of the FAA employees.

On October 22, 1988, the Cleveland Chapter held its annual Awards luncheon which was attended by over 80 Chapter members, their XYLs and guests. The featured speaker after the Luncheon was QCWA President, Leland Smith, W5KL. In addition to W5KL and his XYL, Helen, WASWAR, members of the Akron, Canton and Toledo Chapters were present. All present enjoyed W5KL's talk and came away better informed on the operation and plans of the QCWA. During the program the election of 1989 Officers was held with the following results: W8WGO, Chairman; W8QKO Vice Chairman; W8LYD, Secretary and W8WAB, Treasurer. Chairman AI8M presented W8UYN with the "Ham of the Year" award for his outstanding devotion to the QCWA and Amateur Radio. The Chairman's Award was presented to W8OXA, W8QKO and W8WAB for their continuous work on behalf of Cleveland Chapter. Highest score Award in the QSO parties was given to N8BC for CW and to W8PBZ for Phone. The Chapter's Meritorious Award was given to W8RN, a Chapter Charter Member and the Chapters representative on the International Sunday QCWA Net. W8BSS was recognized as one of the Charter members and the only one out of the known 10 living Charter members who was able to attend. W8BU was congratulated as being one of the longest

active United States hams. Jim has been continuously active for 76 years since he was licensed in 1912. As AI8M was completing his term in office, he was presented with the Chapter's Chairman's Plaque for his outstanding leadership.

QCWA President W5KL presented a QCWA Board of Directors Meritorious Award to W8ADW for his fine work during the 1981 Convention in Cleveland. W5KL also presented a QCWA Scholarship Certificate to Dianne Wilemin, KE8DJ to assist her in her studies in electrical engineering. The Officers and Members of Cleveland Chapter were pleased to have President W5KL and his XYL as their guests for the October 22, 1988 meeting. The entire gang in Cleveland wish to thank President W5KL and his XYL, WASWAR for their visit and with them well in the future.



MERRY CHRISTMAS

QCWA CHAPTER NEWS

W 8 B U

76 Years of Hamming - And Still At It



QCWA President, Leland Smith, W5KL (left) with Jim Russell, W8BU, at Cleveland, Ohio

Most QCWA members look forward to the time they can call themselves "old Timers", thinking they will be an "Old Timer" when they reach their Golden Anniversary date. That is when they were licensed 50 years earlier. Very few QCWA members plan on being a HAM long enough to reach the Diamond Anniversary status - 75 years! One of the very few present QCWA Diamond Anniversary HAMS is Jim Russell, W8BU.

Jim Russell, a retired Attorney in the Cleveland, Ohio area, was one of the first amateurs to be licensed in the original 8th call area by the United States Department of Commerce. Jim received his first call, 8AL, in 1912 and has held an amateur license continuously since that time. While Jim's profession led him to serve the Public in many different ways, his major hobby has been Hamming for the last 76 years. Using his HAM gear, Jim is devoted uncounted hours to helping the Public and other HAMS. In 1918, Jim served his Government during WW-I by teaching Naval recruits the art of Radio. 70 years later, in the summer of 1988, Jim served his same Government by providing important severe weather information to the Cleveland Ohio National Weather Service from his summer home on one of the islands in Lake Erie. Thus, Jim is one of the few United States Citizens that have served their

Government and the Public for a period of over 70 years. While slowing down a little in the recent years, Jim keeps up a pace that puts most people who are 10-30 years his junior to shame.

one of Jim's greatest thrills was being heard by Paul Godley in Scotland during the first trans-Atlantic test in 1921. By today's standards, Jim's completely "home-brewed" equipment was crude but it was "state-of-the-art" in 1921. Jim's transmissions were over the greatest distance of any amateur radio signals had ever been heard at the time. Jim also provided contacts with Admiral Byrd at both the North and South Poles during the Admiral's polar expeditions. Over his 76 years as an amateur, Jim has devoted much time to teaching hundred of Amateurs all the basics of the Hobby of Amateur Radio. He coached his wife, Eila, WA8EBS, and now both Eila and Jim are members of the Cleveland Chapter #1 of QCWA.

During the QCWA Cleveland Chapter meeting on October 22, QCWA President W5KL congratulated Jim for his outstanding contribution to the hobby of Amateur Radio. All Amateurs, the world over, owe a vote of thanks to Jim for everything he has done for Amateur Radio.

GERMAN CHAPTER No. 106

Albert Leinemann, DL8AR
Magdalenenweg 9, D-3167 Burgdorf, FRG

The German Chapter will soon have a new club station DK0QCW, specially for use as a CW station working the CW net and at other times, but capable of working regular phone operation. DL0QCW is the Net Control of the German SSB-round table held each Monday. The operators are:

DL9AR operates DL0QCW and
DK9LG operates DK0QCW

Times for the nets are published in the QCWA Journal.

The annual meeting for 1989 is planned for the first week-end in May. The event will take place in Bamberg, an old German town

with buildings from the middle ages. A very famous Church, well known in the United States, is located in Bamberg. Guests are welcome and, if you might be in the area, plan to attend. For more information write to Albert at the address above. The next major get together will be in the early part of November at the INTERRADIO in Hannover. There the German Chapter will have an information booth together with the OOTC Chapter of Europe. Albert will be in attendance during both days of the meeting.

Editors Note: In the past two issues of the QCWA Journal we have listed Baton Rouge Chapter (109) as being Chapter 106. Albert commented on this as follows: "I see yet the second time that Baton Rouge Chapter is published with Chapter No. 106. This is a great mistake. I thin the figure "9" has taken on too much bourbon and is now doing headstands." We'll get it fixed now, you can bet!

QCWA CHAPTER NEWS

CENTRAL CALIFORNIA COAST CHAPTER #75

Phil Amborn, W6PA
1279 Descanso St, San Luis Obispo, CA 93401

The Central California coast Chapter's spring and fall meetings were special treats for over 50 members and guests. Both programs had travelogues of unusual and unique places visited by members.

At the spring meeting Jules Wenglare, W6YO, showed his slides of coastal and interior China. From China he flew to Tibet and Nepal, and then on to India. Jules is a true world traveler, having more QSL cards from hams he has visited in person than many of us have from our radio contacts. Jules told us that China, while having issued club licenses, had not issued transmitting licenses to individual hams.

Jules close up photos of the interiors of dwellings in Tibet reminded some us old China hands of the dirt which is often passed over in commercial travelogues.

Last, Jules treated us to several views of the Taj Mahal.



Jules is pictured above, addressing the members. All voiced appreciation for Jules' having come from our neighboring chapter in Bakersfield.

The Chapter's Fall meeting was held at Alessandri's in Santa Maria. We were entertained by Arch McGregor, W6AGZ (XE2GAV) and his XYL Betty, who showed and narrated their videotape of their rail trip through Copper Canyon, Mexico. Last year, Arch and Betty went with their RV group on a 400 mile jaunt from El Paso, Texas to LaJunta, Chihuahua, Mexico. At LaJunta, the RVs were put aboard rail flat cars for a 300 mile, 40 day scenic trip to Las Mochis. They loaded aboard the flat cars in their RVs and at nightfall, the train was put on a siding which insured good sleeping for the trip. On a few of the days the train trip was shortened to 5 hours and the RV group enjoyed local sightseeing.

Arch's excellent photography included attention to detail and intensified our vicarious enjoyment. For example, we all held our breaths as the expensive RVs were loaded on flat cars using improvised planks.

In addition to the usual scenic shots of magnificent Copper Canyon (it is larger than our own Grand Canyon) Arch included some clever shots made through the rear view mirror of his RV.

Arch and Betty are members of our Chapter but live in Canoga Park (Los Angeles) and all appreciated their long trip here to bring us the story of Copper Canyon.



SOUTHEAST WISCONSIN CHAPTER No. 162

Robert N. Jensen, W0WLN
5616 Cambridge Lane #6, Racine, WI 53406

The Chapter held a picnic at a local park as its August meeting, featuring a "QLF" contest which was won by Al Algiers, W9HR, who demonstrated astounding ability to send CW with his left foot. A pancake tossing contest for the ladies was won by Gladys Jensen, XYL of W0WLN, with three aerial flips of surpassing altitude.

Our September meeting was at the regular meeting place, the Around the Clock Restaurant, 3012 Rapids Dr, Racine, at 7:30 PM on Monday, September 19. Plans for the annual election and for a dinner as the next meeting were made.

The Chapter met October 23 for a brunch and the election. Three incumbent Directors, W9NVE, W9GEM and W9OVZ were re-elected, and Tony Craig, K9QBJ was elected, all for two year terms. The new Board of Directors then elected Ed Konicek, W9NVK President; Chuck Knotek, W9GKM Vice President and re-elected Bob Jensen, W0WLN Secretary-Treasurer. After a fine brunch, the ARRL video tape "The New World of Amateur Radio" was shown, followed by a video tape of a TV program on Channel 18, in Milwaukee, produced by Ed Konicek's son. The meeting was enjoyed by all of the members and wives present.

We welcome new member Rog Strom, K0VPP, from Kenosha and hope he can join us at our next regular meeting on Monday November 21 at the Around the Clock restaurant. Our December meeting will be a Christmas gift exchange social meeting.

PALMETTO CHAPTER No 89

John R. Miller, W0IKT
401 Tiffany Dr, Anderson, SC 29625-1815

An accumulation of nearly 500 years of public service by radio amateurs was recognized as the Palmetto State Chapter 89 met on October 8, 1988. Those receiving their 50-year Golden Awards included Clark Rogers, K4BGN; Joe Walker, W4DNR; Ralph Scott, K4AWY; Claude Ragsdale, W4EGH and Joe Churan, K4FNK. Those receiving their 50-year Award with 55-year endorsement included Bobby Lambert, W4BZX; Frank Wooldridge, W4IZD; George Felber, WIWW; Alex Fernal, W4CO and Beryl Smith, W4JSM.

Nearly fifty members, spouses and guests attended the luncheon in Columbia, SC. Members enjoyed hearing Bobby, W4BZX, demonstrate an operational Neobeam Oscilloscope, circa 1936, along with an RCA scope using a 913 tube. Frank, W4IZD, brought some examples of very early QSLs - the initial letter conspicuously missing.



Pictured above with their Golden Awards are: L-R, Clark Rogers, K4BGN; Bobby Lambert, W4BZX; Joe Walker, W4DNR; Frank Wooldridge, W4IZD; Ralph Scott, K4AWY and Claude Ragsdale, W4EGH. Cecil Sills, W4HDO, retiring Secretary/Treasurer who presented the Awards is at the right.

QCWA ACTIVITIES

Some of the License Plates in the parking lot at Portland!



At Center, QCWA President, Leland Smith, W5KL, congratulates Past President, Barry Goldwater, K7UGA, on receiving the AEA Ambassador of the Year Award at the ARRL Portland, 1988!



Astronaut Tony England, W0ORE addressing the Banquet at the ARRL 1988 Convention, Portland.



Wayne and Friend at the Portland bash - with a smile like that he'll make another million!



Above is the QCWA Booth at Portland - believe it or not this was one of the slack periods. It was common to find then four deep - good for QCWA but bum for photographer

QCWA CHAPTER NEWS

DETROIT METRO CHAPTER No. 61

Len Kerzka, W8IHX
4900 Lakeview Dr, Clarkston, MI 48016

Our first meeting of the year 88-89 began on a sad note. A month before, one of our oldest members, Ken Stecker, W8SS, had passed over the reef of life and into the land of no QRM. Ken was known by many hams as a meticulous recorder. Never known to come to meeting or convention without his note book, recording all that happened. A very fine CW man, and an A-1 Operator. The Secretary conducted a short eulogy and requested that members stand for one moment of silence. A few members then made comments on Ken's amateur activities. A loving husband and a true gentleman, he will be missed by many of his friends.

The membership had been secretly canvassed previously regarding the QCWA Meritorious Award. For all his efforts in keeping Chapter 61 together, for all the speakers and lecturers he had brought to our meetings, for the way he conducted himself at all our meetings regarding the membership, this prestigious Award was presented to our President, Kurt Schmeisser, W8LZV. The Award

was presented by Chapter Secretary, Len, W8IHX. A round of applause was then given to our man, who truly deserved this Award. Pictures of the presentation were made, one of which is shown at the left.

President Kurt then asked the Secretary to describe how, after receiving communication from Chapter 1, regarding their method of operation, we in Chapter 61 should try to pattern our operation in a more business like or cooperative way.

Following a caucus, a slate of candidates for offices was presented and voted upon. The elected officials for Chapter 61 are:

Kurt Schmeisser, W8LZV, President
Len Kerzka, W8IHX, Secretary/Treasurer

W8TQP, W8FJK AND K8ZZC were elected to the Board of Directors. A candidate will be elected to the office of Vice President at the next Chapter meeting.

Our speaker of the evening was none other than our former Radio Inspector (8th Area) Richard Cotton, W8DX. He gave a fine presentation on communication via satellite. Using his comprehensive list of notes, he described how he had acquired over one-hundred contacts in various and unusual parts of our globe. The type of gear he used, and specifically the configuration of antennae in his activities. Quite a number of questions were asked by membership and all were answered with tact and detail. A very fine presentation, a great start for our 1988-1989 season!



NORTHERN NEW JERSEY CHAPTER 77

Carl A. Felt, Jr, N2XJ
8 Charles Place, Chatham, NJ 07928

Chapter 77, Northern New Jersey, held its 1988 annual meeting on Friday, October 21, at the Friar Tuck Inn, in Cedar Grove. Seventy-five members and friends were in attendance. Fred Link, W2ALU, distinguished mobile radio pioneer and President of the Radio Club of America for the past twenty years, told the story of that famous radio club which was founded in 1909 by seven kids, aged 9 to 14, in New York City.

New officers elected to serve the Chapter for the next two years are:

Alfred Helfrick, K2BLA - President
Charles Mercereau, W2ESW - Vice President
Walter Creuz, W2CIY, - Second Vice President
Henry Dull, W2PHW - Secretary
Robert Diesner, K2GYH - Treasurer
John Nixon, W2IMG - Recording Secretary

John Brischler, W2SGI, immediate past president, conducted the ceremony honoring the Chapter's member who became Silent Keys during the past year. Those honored were: Vincent Bors, WB2BGV; John Carroll, W2ZDF; Fred Sprick, W2LPV; Joseph Schwartz, K2VGV; Edward Hopper, W2GT. A moment of silence was observed in their memory. Walter Heineman, W2QR, was winner of the 50/50 for the QCWA Memorial Fund.

Albert Helfrick, K2BLA, presented the "Elmer-of-the-Year" Award for 1988 given to Joseph A. Reid III, K2JAO, a chemistry teacher at the Chatham Township middle school. Joe has been an active "Elmer" for over 20 years. He started the school's radio club in 1968 and the Club Station, WA2RGV, was licensed in 1970. Joe has been the Club's faculty advisor since that time. Joseph is a new member of Chapter 77, Welcome aboard, Joe!

Annual reports were rendered by the President, Secretary and Treasurer. Walter Creuz, W2CIY reported that membership totals 120 with new members joining within the past year just offsetting losses due to deaths and removals from the New Jersey area. Merle Worster, W2HTW, told membership that despite expenses were higher than income from membership dues. The Chapter has a good bank balance at present.

Carl Felt, N2XJ thanked his officers for their cooperation and help during the past two years and expressed the belief that the membership would support Al Helfrick, K2BLA, and his officers. He noted that the Chapter's support of the QCWA Memorial Fund and its annual "Elmer-of-the-Year" Award was strong and that a new 2-meter net on Thursday at 8PM(on 147.285 +.6)had been started last year through courtesy of the Telephone Pioneers. All present were urged to check into this and long-established Sunday 1:00 PM net on 3917 kHz - to keep up on activities!

The door prize, a copy of the Radio Club of America's Diamond Jubilee Yearbook celebrating its 75th Anniversary, donated by guest speaker, Fred Link, was won by Ralph Shepard, W2YZS. The meeting, marked by much table-hopping and good fellowship as adjourned at 10:30 PM.

WISHING YOU A SONG IN YOUR HEART
AT CHRISTMAS
AND BLESSINGS ALL YEAR LONG

QCWA CHAPTER NEWS

COUNCIL OF NORTHEASTERN CHAPTERS OF QCWA (CONEX)

Kate Saul, AE2Z
3 Theodore Dr, Plainview, NY 11803

The Council of Northeastern Chapters of QCWA (Conex) held their second annual luncheon meeting on Saturday, November 19 at the Marriott Hotel, Tarrytown, NY. In attendance were thirty-two members representing Long Island, Founders, Nutmeg and Delaware Chapters of QCWA. Three of the candidates for the QCWA National election were present: Harry Dannals, W2HD, for President; John Weber, KA2IXW, for Vice President, and Milt Chaffee, W1EFW, for Director.

Uncle Gus, W2JE, gave a short talk about QCWA. He told about the original application, about the size of a post card with little information - name, address and telephone number but no date of first license. Gus was General Manager of QCWA and when he left that position about 8,500 members had been taken into QCWA. We enjoyed his talk.

Harry Moore, W2JQS, President of CONEX announced the following Awards:

MAN OF THE YEAR, 1988

Clarence Seid, W2KW

TEACHER OF THE YEAR FOR CONEX, 1988

Carole Perry, WB2MGP

AUDIO-VISUAL AWARD OF THE YEAR 1988

Walt Schleiker, KE2GY

UNSUNG HERO OF CONEX FOR 1988

Sy Yuder, W2NBT

Carole, WB2MGP thanked us for the Award and said "I do not qualify to be a member of QCWA but I do qualify to be one of your biggest fans and I am."

Walt, KE2GY, has spent many hours in the production of a video, "QCWA Radio Museum Located at the QTH of Clarence, W2KW in Middletown, NY." He advised us of a regional QCWA 2-meter net for Central and Eastern Long Island to be held on Fridays at 8PM EST on 145.21. He has laid the ground work for a repeater which will be located on Bald Hill, in Suffolk County, New York.

Harry Dannals, W2HD, Candidate for President of QCWA honored us as a guest speaker. Harry has served as an officer in many national organizations, not the least of which was for ten years President of ARRL. He is re-locating to Virginia and will be living near the Washington, DC area. This will allow him to visit the FCC whenever necessary. He stressed the importance of both ends of the age curve and how organizations like the AARP could help: Harry said, "For those who can no longer travel, they can do so through Amateur Radio." As usual we all enjoyed Harry's presentation.

John Weber, KA2IXM, Candidate for Vice President of QCWA is now President of the Founders' Chapter #46. He enlightened us of the fact that the average age of a QCWA member is about 55 years. He feels that it is important to increase membership in QCWA and presented some interesting ways to accomplish this. He also feels that we must get young hams into QCWA.

Milt Chaffee, W1EFW, Candidate for Director of QCWA is the founding President of Nutmeg Chapter. For eight years he served the ARRL Board of Directors with Harry Dannals. Milt is interested in the support of clubs. He believes that clubs are the way to develop new hams. Milt is retired and can spend the necessary time to actively participate a director.



Pictured above, L-R are:

Milt Chaffee, W1EFW; Harry Dannals, W2HD and John Weber, KA2IXW

CONEX has participated in two Hamfests this year and five pages listing names of hams eligible to join QCWA were collected.

A brief talk about the history of CONEX was given by Sy, W2NBT. A plan was formed to have a regional group of 17 QCWA Chapters in the Northeast consisting of the first three call areas. The group was named CONEX and was formed 40 years from the date that QCWA was launched in New York. Sunday morning from 0845 - 0915 EST, CONEX runs a net on 3917 kHz with John, KA2IXW as net control.

CONEX OFFICERS FOR THE YEAR 1988-89

Harry Moore, W2JQS (Chapter 46) - President

Bob Ray, W5ZMI (Chapter 5) - Vice President

Kate Saul, AE2Z (Chapter 81) - Secretary

Howard Leopold, WA2KSK (Chapter 46) - Treasurer

NORTHERN LIGHTS CHAPTER NO. 92

Roy C. Gould, N6GM
7121 E 34th Ave, Anchorage, AK 99504

The 14th annual meeting of Northern Lights Chapter was held on November 11, 1988 at the Anchorage International Airport Inn. 19 members and guests attended. President Al Fromm, AL7C opened the meeting with a moment of silence in honor of Harold DeVoe, KL7MF, who became a Silent Key during April of 1988.

A report on the June 11 picnic at Wasilla was given by Al, AL7C. There were 12 attending. A discussion was held on the location and date for the Summer of '89 picnic. It was suggested that as many as three picnics might be held. John Trent, KL7DG was appointed as Chairman of the committee to review the problem and bring back some suggestions.

The Chapter voted to send a check in the amount of \$50 as a gift to the Memorial Scholarship Fund. In other actions, the 29 MHz on the air net has been set for meeting each Saturday at 11AM local time, 2000 Z.

Nominations for Officers for 1989 were made with the following being nominated and then elected unanimously:

Jimmie Tvrdy, KL7CDS as President
John McQueen, KL7AVX as Vice President
Roy Gould N6GM as Secretary/Treasurer



QCWA CHAPTER NEWS

PIEDMONT CHAPTER No. 126 of QCWA

Ellicott Valentine, K4JO
4495 Bashavia Wayside, Pfafftown, NC 27040

Since our Chapter covers a large area of Central North Carolina we have our quarterly meetings in different locations throughout the area so that all members may be able to attend a nearby meeting. This quarter it was held in Asheboro, Randolph County, NC which is centrally located and also the site of the famous North Carolina Zoological Park, one of the first in the Nation built so that all animals exist in natural surroundings.

We gathered at the Western Steer in Randolph Mall and the Board of Officers conducted the pre-business meeting before lunch. 23 members and their XYLs attended.

The program began at 12PM. This was a talk given by President Weldon Fields, W4AJT, concerning the formation of air and communication groups comprising the Coastal Air Patrol during WWII. This was really the start of the Civil Air Patrol, operating under the auspices of the Office of Civil Defense. Weldon told of the trials and tribulations under somewhat primitive conditions at

that time on the Outer Banks of the North Carolina coast at Manteo. The figures he gave us concerning how the U-boat sinkings of Allied ships off our coast dramatically reduced when they started flying their patrols gave positive evidence of the fine work they did with a good idea and Amateur Radio and Private Pilot licensees and knowhow.

At the conclusion of the program the ladies gathered for their own meeting and friendly conversation. The Chapter members held the general membership meeting and conducted the business of the Chapter. This mostly consisted of appointing the NCS for our next quarter QCWA Sunday morning net, and appointing a nominating committee for our December, 1988 election of next years slate of officers and board members. We also decided to use the Chapter's half of our 50/50 club receipts for our donation to the QCWA Memorial Scholarship Fund. The meeting was adjourned at 2:30 PM. The next meeting to be December 10 at Southern Pines, NC

EVERGREEN CHAPTER No. 87

Jim Follansbee, NY7T
3641 Frontier Rd, Pasco, WA 99301

Evergreen Chapter No. 87 recently completed election of Officers with the following being elected to serve:

Don Crisp, W7ZNN, President
Bob Ver Steeg, W7AZ, Vice President
Don Sumpter, W7VOU, Treasurer



The picture above, taken at the October 29, 1988 meeting has, L-R the following: Jim Walsh, W7LVN, Secretary of QCWA Inc, visiting; Don Sumpter, W7VOU, treasurer; Don Crisp, W7ZNN, President and, Bob Ver Steeg, W7AZ, Vice President.

GATOR CHAPTER No. 32

Eli Nannis, K4JMH
14996 Imperial Pt Dr, N, Largo, FL 34644

Our official Chapter meetings began with the October gathering. I had to miss that one as I was attending the New England ARRL Convention and it was a big one with about 5000 in attendance. I did attend the Yankee Chapter meeting at the Convention. Our Chapter will have a table at the Suncoast convention being held at the Curtis Hixon Center in Tampa and we expect to sign up a few more members. Jim Clarke, N4BQC, was awarded a 60-year certificate by Chapter President, Bill, W4STX. Frank, K4EUK, spoke about the meeting with four ARRL staff members regarding ways of getting older persons to get into amateur radio. Tom Walker, VE3PDJ, has been very sick, but may be able to return to Florida this winter. Rex, WB2AFQ, is home from the hospital and feeling much better. Dave Stocky, K4KE, is home also, following an operation on his back.

The meeting program was given by Kristy Weaver, Public Information Officer of the department. She showed slides of the many activities of the department and talked on fire and safety in the home.



Pictured above, Al and Mae Burke, W3VR and W3CUL, who have handled more than 500,000 messages since 1960. They work as a team on all modes of communications.

Several new members have joined our Chapter. Robert Clowes, K4MB; and Bill Hazell, W4TAD. Welcome aboard! Phil Stern, WA4ZVO, is working hard to get the building fund rolling.

UTAH CHAPTER 160 of QCWA

Bill Vaughan, W7CKD
PO Box 935, Ivins, UT 84738

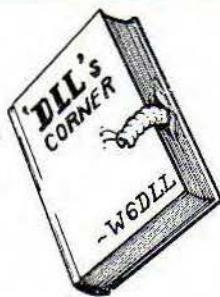
Sponsored by Utah Chapter 160 and Co-hosted by Boulder Dam Chapter 44, this 2nd annual fun-fest is planned for Tuesday, February 21, 1989, at the Peppermill Hotel/Casino in Mesquite, Nevada - 90 miles north of Las Vegas and 30 miles south of St. George, UT, on Interstate 15.

For further information, contact W7CKD - Bill Vaughan, PO Box 935, Ivins, Ut 84738 or, check into the Utah Chapter 160 net on any Saturday morning at 1830Z, on 7272 kHz

Informal; full accommodations available; Fun for all!

All QCWA members, partners and friends are invited. Come join with us and help build this annual affair.

QCWA CHAPTER NEWS



IN MEMORY OF

Reginald Neelands, W6DLL

In 1977, responding to a plea from Headquarters, Reginald (Bud) Neelands offered to produce a book-report section for the QCWA Journal. He faithfully carried out his work through thick, thin and a heart attack. Ostensibly retired, he worked nearly to the day of his death. Many of you have read his reports and have corresponded with Bud through the years. He passed away on September 14, 1988, during a visit to France. His trade-mark, the "Book-Worm" appears here for the last time.

Bud received his license in 1927, 6DLL and held it throughout the rest of his life. He had an advanced class license. He retired some years ago with hobbies of amateur radio, photography and optics. He was a graduate of the University of California at Berkeley, MS, Electrical Engineering. His secondary majors were mathematics and atomic physics.

Bud was a member of the adjunct faculty at UCLA during the years 1958 - 1975 specializing in advanced circuit theory. He was working actively in the electronics field immediately previous to his death.

Our sympathy is extended to his Family and Friends who will miss him greatly as will we who have enjoyed his friendship.

HARRISBURG PENNSYLVANIA CHAPTER No 37

Michael F. O'Keefe, KR3D
12 Poplar Dr, Mechanicsburg, PA 17055

Twenty-two members and two guests attended the Chapter's Fall meeting on September 10, 1988. The meeting was held in a private room at the Mechanicsburg "Bonanza Restaurant. Their courteous policy of no charge, has been in effect since our reorganization in May, 1987.

The meeting began with a moment of silence and remembrance for our dear friend and member, James Steele, W3FUM, who became a Silent Key on September 1, 1988. Our treasurer, George Kabroth, W3PLI reported a good balance and therefore dues will be continued on a requested basis.

The speaker for the meeting was Phil Neff, KA3SCR, Meteorologist In Charge of the Harrisburg Weather Service of NOAA. He explained the memo of understanding between the National Weather Service and the ARRL - a program that encourages amateurs to participate in the SKYWARN system. Phil emphasized that the Harrisburg Weather Service is responsible for forecasts to seventeen central Pennsylvania counties. It is the largest area that requires forecasting. He also would like to count on amateurs to confirm severe storm warnings. He stated there were six employees in the Harrisburg office. He is presently the only one with an amateur license. Two other meteorologists are studying for their amateur licenses and it is hoped that when they are ready that ease of reporting and confirming will be improved.

Our members are interested in becoming SKYWARN participants and will do so when qualified for the spring and summer storm season. Because Chapter 37 has its own two meter repeater, 147.000/600, we will also participate in reporting this winter's fog, ice and snow conditions.

There was plenty of good rag-chewing and fellowship.



COASTAL CAROLINAS CHAPTER 118

Roger Moates, W3EZR
3300 Barnsley Ln, Raleigh, NC 27604

The Chapter's fall meeting in Maysville, NC, brought our 1/3 of our paid up members! Considering the widespread area in which Chapter 118 operates, that constitutes a minor miracle. As always, the Coastal climate seems to be a major factor to our attendance, and the promise of a super door prize is probably another incentive we old timers can't pass up.

We were pleased to hear that one of our past President, Andy Griffith, W4ULD, has published two articles on ham radio. The September, 1988 issue of QST carried the article "A Dipper Amplifier for Impedance Bridges", and the September, 1988 issue of Ham Radio carried his article on "processor for Code Tapes". Congratulations, Andy!

Chapter member Bob Johnson, AA4L, invites all QCWA members who own or are interested in recreational vehicles of any type to participate in the International RV Service Nets. These nets provide a means of keeping in touch with other RV-ers at home and on the road. An informative bulletin is published twice each year (edited by AA4L). For more information, check into the US and Canadian 20 meter net which meets weekdays at 1200 and 1700 Eastern time, on 14308 kHz. There are also regional and local nets. There are many QCWA members among the more than 800 RV Net members.

APPLESEED CHAPTER No. 117

Jack Novotny, K3CEW
973 Valley Dr, Ashland, OH 44805

The last meeting was held August 11, at the home of Walter, W8UDO and Kay Lang. 2Twenty-one Hams and 16 XYLs were present. The meeting included a fine catered dinner. Our thanks to Walt and Kay for their hospitality.

New officers for the coming year are Richard DeLong, W8EMK, President; Ken Curwin, KE8MA, Vice President and Bill Edwards, K8CSX as Secretary/Treasurer.

Guests at the meeting were John WA8MHO and Mary WB8ZQL Lehman, of Lexington. They will be added to Chapter 117 mailing list.

LAKE ERIE TRI-STATE CHAPTER

Gerald H. Owens, AB3X
RD 1, Box 18, Corry, PA 16407

The Lake Erie Tri-State Chapter No. 122 met on October 22, 1988, at 1 PM for a luncheon and Annual Meeting. Thirty-seven members and guests enjoyed a good meal of stuffed pork chops or stuffed chicken breast.

President Bert Van Houten, W3TPW gave the invocation and presided over the business meeting. Bert then welcomed a new member - Bill Tammen, W9KEP, of Erie. Following adjournment several members and guests toured the Shrine Childrens Hospital in Erie.

Members Newly Enrolled In QCWA

04-13-88	21,465 Warren Foster	VE7VIP	Whiterock B.C. Canada	Ernie Savage	VE7FB
	21,466 Henry Comack	N7DZZ	Tucson, AZ	O.F. Dedrick	W6NGK
	21,467 Robert J. Degenkolb	W81MX	Weirton, WV	John E. Hoffer	W8CWY
	21,468 Roy R. Humes	N8RH	Follansbee, WV	John E. Hoffer	W8CWY
	21,469 John R. Allen, Jr.	N51QR	Austin, TX	Roy S. Miller	W5FOZ
04-14-88	21,470 William Morris Young	KBØZM	Greeley, CO	-	KBØBVB
04-15-88	21,471 Mortimar Libowitz	K2BDQ	Brooklyn, NY	-	-
04-18-88	21,472 Daniel Zirinsky	WA2EYB	Great Neck, NY	Ted Heithecker	W5EJ
	21,473 Guy M. Morris	W8RHY	Lancaster, OH	Ralph Rickett	W8BTW
	21,474 Svend A. Madsen	KK4TU	Vero Beach, FL	-	-
	21,475 John S. Ryan, Sr.	KD2NL	Riverhead, NY	-	-
	21,476 Bill Dreese	KBØBWM	Halstead, KS	Alden Davis	WØPCA
	21,477 Robert Mallory	K8WXW	Blissfield, MI	-	-
04-19-88	21,478 Erich Dornfeld	OE3ED	Wiener Neudorf Austria	-	OE3RE
04-21-88	21,479 Richard L. Butcher	KS7V	Billings, MT	-	-
	21,480 Robert W. Schefke	W9FFC	Cherry Hill, NJ	-	-
	21,481 Roger M. Lavoie	K1RL	Westport, MA	Onie Woodward	W1ZEN
	21,482 George A. Loveall, Jr.	WØUKF	Waterloo, IA	-	-
04-22-88	21,483 Clive G. Taylor	VE3CL	London Ontario Canada	Fred Hammond	VE3HC
	21,484 Bruce Baskin	WA8PGD	Akron, OH	-	W9DXT
04-25-88	21,485 Robert T. Geist	W3NUA	York, PA	R.A. Shaub	W3AXC
	21,486 John J. Quinn	KB6WDE	Pacific Palisades, CA	Gene Stephens	KA6HQQ
	21,487 Howard L. Fisher	N5KRJ	Carrollton, TX	-	-
	21,488 Lafayette W. Fletcher	N5KE1	New Braunfels, TX	-	-
	21,489 H.B. Peliska	NW9X	Hales Corners, WI	Richard R. Regent	K9GDF
	21,490 William A. Blaumer	K7ZED	Milwaukee, WI	-	K7LNS
	21,491 Thomas M. Williams	KD9KR	Dayton, OH	-	W8SR
	21,492 Jack O'Brien	WA3RWE	Beaver, PA	Ebert M. Long, Jr.	-
	21,493 Joel M. Breakstone	K1CQ	Calais, VT	-	-
	21,494 Joe T. Milam	N15F	Midland, TX	-	K5CFA
	21,495 Robert J. Aldrich	N7HTD	Davenport, WA	-	-
	21,496 Edwin D. Chapman	W2BVK	Bloomfield, NJ	John Rechardt, Jr.	W2WIY
	21,497 Lewis H. Dickerson	K3FSP	Milford, DE	-	-
	21,498 Paul C. Dahlitz	WA6DAW	La Puente, CA	-	-
	21,499 Richard J. Bassette	N2BED	Interlaken, NY	-	-
	21,500 David G. Sumner	K1ZZ	Coventry, CT	W.P. Hagestad	W7ENW
	21,501 Charles E. Hannum	WA8APQ	Spring Hill, FL	-	-
	21,502 Willia H. Ross	KY9M	Winnetka, IL	-	-
	21,503 Salyer E. Reed	K6DWW	Anaheim, CA	-	-
05-02-88	21,504 Monte E. Smith	WA4F	Germantown, TN	-	-
	21,505 Donald L. Batten	W6RHM	Tiburon, CA	-	W6ZUB
05-03-88	21,506 Richard A. Smith	KF6EA	San Diego, CA	Ralph Held	K6QS
	21,507 Jack R. Ekstrom	K9BQL	Aurora, CO	-	-
	21,508 Jack C. Berry, Jr.	KD9TH	Racine, WI	-	-
05-06-88	21,509 John K. Landis	WA8GRO	Clayton, OH	-	-
	21,510 Thomas D. Smith	WBØQVB	Crete, NE	-	-
	21,511 James H. Jones	K9PNG	Palatine, IL	-	K8MHU
	21,512 Lawrence Hagemann	K9MMA	Mount Prospect, IL	-	K8MHU
	21,513 James R. Zimskind	K20JL	Trenton, NJ	-	K8MHU
	21,514 Ed Feins	WA2ZDN	Linden, NJ	-	W5KL
	21,515 Philip D. Kreie	N2EGW	Roselle Park, NJ	-	W5KL
	21,516 Allen M. Olander	WA81WK	Birmingham, MI	-	K8MHU
	21,517 Ronald K. Long	W8GUS	Columbus, OH	-	K8MHU
	21,518 John T. Ronan III	K3ZJJ	Weston, CT	-	W8TYL
	21,519 Wayne A. Dorris	W9KSU	West Frankfort, IL	-	W5KL
	21,520 Norman Lehrman	WD8RLS	Cincinnati, OH	William R. Hughes	K8GET
	21,521 R. Sterling Eanes	AK1K	Nashua, NH	-	N8FTT
	21,522 Angelo G. Dalambakis	K8LBT	Centerville, OH	-	W5KL
	21,523 Wayne Showers	AB4AR	Lewisburg, TN	Leland Smith	W5KL
	21,524 L. Rodney Peterson,	N9AKE	Aurora, IL	-	K8MHU
	21,525 Tom Champlin	W5HL	Independence, MO	-	W5KL
	21,526 Gregory A. Cross	WA8FJK	Lexington, KY	-	K8MHU
	21,527 Don L. Fuhr	KS80	Powell, OH	-	W8EIU
	21,528 Robert W. Lewis	AA4PB	Garrisonville, VA	-	K8GET
	21,529 John L. Coulter, Jr.	KX3V	Leechburg, PA	-	K8GET
	21,530 Larry R. Gillespie	WAØPIE	Elberon, IA	-	N8FTT
	21,531 Phillip Carlson	WAØEVO	Cherokee, IA	-	N8FTT
	21,532 Paul W. Richardson	K9RBJ	Elkhart, IN	-	N8FTT
	21,533 Robert N. whitehurst	W4KDP	Tuscaloosa, AL	-	W8QDD
	21,534 Robert L. Schneider	AH6J	Keaau, HI	-	N8FTT
	21,535 Roger Hoffman	N4RR	Sterling, IL	-	W8QDD
	21,536 Chester P. Tammany	K1LII	Rumford, RI	-	N8FTT
	21,537 David C. Hood	WA9IVB	Anderson, IN	-	W5KL
	21,538 Don W. Gallagher	K8WZX	Cuyahoga Falls, OH	-	W5KL
	21,539 Robert C. Kissel	W8KPU	Swartz Creek, MI	-	N8FTT
	21,540 David J. Wilcox	K8WPE	Traverse City, MI	-	W5KL
	21,541 William M. Cox	KZ3B	Gambrills, MD	-	W5KL
	21,542 Larry E. Wise	KA5T	Georgetown, TX	-	W5KL

Members Newly Enrolled In QC WA

21,543	Bill Wilkerson	K8YSA	Akron, OH	-	W5KL
21,544	Craig E. Risovi	WA5IBC	Fort Wayne, IN	-	W8QDD
21,545	Ronald J. Jakubowski	K2RJ	Solon, OH	-	W5KL
21,546	Charles E. Ring, Jr.	W3NU	Masury, OH	-	W5KL
21,547	John R. DeHart	K1VBM	Gainesville, GA	-	W5KL
21,548	William Handler	W8ZRO	Dayton, OH	-	W5KL
21,549	Carl Carder	WA8HFS	Zanesville, OH	-	W8TYL
21,550	Tommy D. Phillips	WA9KBT	Dunkirk, IN	-	W5KL
21,551	Robert Neece	K0KR	Boulder, CO	-	W5KL
21,552	C. Fred Duncan	KE8LA	Cincinnati, OH	-	W5KL
21,553	Donald W. Ridley	W1GLQ	Norwalk, CT	Carl Todd	AE1H
21,554	David W. Franklin, Jr.	W8GAR	Saline, MI	-	N8FTT
21,555	Robert E. Levy	K8ZPY	Solon, OH	-	N8FTT
21,556	Edward H. Hildebrand	K8CVZ	Medina, OH	-	N8FTT
21,557	Jon E. Solomon	W8TY	Elida, OH	-	N8FTT
21,558	Robert W. Walstrom	W0EJ	Cedar Rapids, IA	-	W8WYH
21,559	Harold E. Austin	WA8GRB	Dayton, OH	-	N8FTT
21,560	Arthur J. Fregeau	K1WMQ	North Haven, CT	-	N8FTT
21,561	Ronald R. Scull	WA2QNZ	Roselle Park, NJ	-	W5KL
21,562	Stephen H. Cornell	W8KZY	Hamilton, OH	-	K8MHU
21,563	Richard H. Yount	W8RM	Bradford, OH	-	N8FTT
21,564	Albert J. Whetter	W9WJ	Elmwood Park, IL	-	W5KL
21,565	William L. Sprague	WA6CRN	Whittier, CA	-	W5KL
21,566	Philip Donald Brust	W8QCU	Springfield, OH	Ralph Patterson	K8MHU
21,567	John J. Kaufmann	K9KEU	Willowbrook, IL	-	W8TYL
21,568	Michael J. Bottema	K8EX	Byron Center, MI	Leland Smith	W5KL
21,569	Arthur R. Storm	K2TRK	Madison, NJ	R.L. Mawdsley	N8FTT
21,570	Edward P. Forgrave	K8ES	Powell, OH	-	K8MHU
21,571	George A. Dessert	W31JT	Bridgeport, WV	-	K8MHU
21,572	Robert S. Sull	WA8IMO	Avon Lake, OH	-	W5KL
21,573	David L. Vest	KZ4G	Flatwoods, KY	-	K8MHU
21,574	Truett K. Smith	N4TK	Nashville, TN	-	W5KL
21,575	Eric Enns	VE3BB	Waterloo, Ontario, Canada	M.S. Killen	VE3KK
21,576	George W. Parker	K4CSL	Robinson, IL	-	W5KL
21,577	G. Pauline Parker	N9CLZ	Robinson, IL	-	W5KL
21,578	David R. Benham	K8TRF	Berkley, MI	William R. Hughes	K8GET
05-12-88	21,579 Ebert Mitchell Long III	WB4WEI	Venice, FL	-	-
	21,580 Walter D. Van Gieson	AB4DQ	Raleigh, NC	-	-
	21,581 Edward M. Turner	KV4BQ	Prescott, AZ	-	-
	21,582 Kenneth C. Douglas	K1BHD	Colebrook, NH	Edward F. Everett	W1ALE
	21,583 Douglas G. Crowe	VE3LKU	Toronto, Canada	-	VE3BFQ
	21,584 Raymond C. Lottie	K0YXU	Minneapolis, MI	Ken Benner	W0LHV
	21,585 Earle Barry Foote	K1BTF	Framingham, MA	-	-
	21,586 Charles G. Reuter, Jr.	WB2FUJ	Bayonne, NJ	-	-
	21,587 Fredwood S. Shaw	W3ADV	Newtown Square, PA	-	-
	21,588 Steven E. Holzman	W1IBI	Mont Vernon, NH	-	-
	21,589 Robert M. Corrothers	W6KFF	Orange, CA	Tord Berg	N6GOT
	21,590 Ed Hughes	VE3WU	Toronto, Ontario, Canada	-	-
	21,591 Donald P. Linthicum	N0IYH	Loveland, CO	-	-
	21,592 Shailei Herrick, Jr.	WINHJ	Bayonet Point, FL	-	-
	21,593 W. Peter Krulewitch	W2YQ	New York, NY	-	-
05-13-88	21,594 George R. Dickson	VE7JD	Vancouver, B. C. Canada	Ernie Savage	VE7FB
	21,595 Jerald R. Malin	WB2LEI	Charlotte, NC	-	-
	21,596 Richard J. Taylor	W0DQQ	Spalding, NE	Bill Cambell	W0BVD
	21,597 Eric Ilott	VE3XE	Yarker, Ontario, Canada	-	VE3NFW
	21,598 Jay N. Kolinsky	NE2Q	Pound Ridge, NY	-	-
05-14-88	21,599 Rod L. Richardson	WA0HHX	Overland Park, KS	-	-
05-18-88	21,600 Steven C. Adams	WS5F	Cornelia, GA	-	-
	21,601 James N. Lichy	N0NL	Des Moines, IA	-	W0ANZ
	21,602 Robert W. Kelly	N4OBQ	Miami, FL	-	-
	21,603 Philip A. Whitehouse	W1GEE	Dexter, ME	-	-
	21,604 David C. Laroche	VE3DFA	Gravinhurst, Ontario, Canada	-	-
	21,605 David E. Heil	K8MN	Washington, DC	-	-
05-20-88	21,606 Paul A. Street	K7QCH	Shelley, ID	-	-
	21,607 John Streeter	W8GPP	Lewiston, MI	-	-
	21,608 James A. Carter, Jr.	W50DH	Baton Rouge, LA	-	K5DVQ
	21,609 Lewis W. Kelsey	K6IIV	Norwalk, CA	-	N6GOT
05-24-88	21,610 Lawrence Raymond Plessinger	K3KTW	Big Lake, AK	Tord Berg	-
	21,611 Gerald W. Benedict	W1NDL	White River Jct, VT	Wesley Randles	W4COW
	21,612 Donald P. Busick	K5AAD	Houston, TX	-	-
05-26-88	21,613 Leslie E. Galligan	K5ZUZ	Slidell, LA	Leland Smith	W5KL
	21,614 Eugene L. Robertson	K5UXK	Howe, OK	-	K5TML
	21,615 Paul Bud Azar	N5AN	Lafayette, LA	-	-
	21,616 Thomas A. McCormick	W5UOH	Baton Rouge, LA	-	-
	21,617 John C. Jackson	WB5TDD	Plant City, FL	Leland Smith	W5KL
	21,618 Wilbur C. Dempsey	WW4F	Bismarck, ND	Jim Gundry	W4JM
	21,619 Herbert R. Leupp	KC0UP	Plano, TX	Leland Smith	W5KL
	21,620 Howard D. Walrath	W5UPZ	-	-	-

Members Newly Enrolled In QC WA

06-28-88	21,698 John P. Denham	W7JTI	Bothell, WA	-	N7CT
	21,699 Robert F. Harper	K7TUC	Seattle, WA	Ted Heithecker	W5EJ
	21,700 Michael Parnin	N4EPD	Jacksonville, FL	Claude E. Belcher	K4SBM
	21,701 William Besse	K8GOP	Toledo, OH	Dottie Higgins	W8RZN
06-29-88	21,702 Harry Davis, Jr.	K3WAC	West Grove, PA	-	-
	21,703 W. Howard Myers	W7ILW	Mesa, AZ	-	-
07-01-88	21,704 James L. McVay	KØBWN	Shalimar, FL	Darryl Davis	-
	21,705 Henry E. Riekels, Jr.	WA8GVK	Muskegon, MI	Russ Reece	W8BXS
07-04-88	21,706 James L. Cioccio	AA4XW	Huntsville, AL	-	-
	21,707 F. Guerrant Norman	WA4GEU	Eden, NC	Weldon Fields	W4ANT
	21,708 C.J. Bennett, Jr.	AA6GK	Soquel, CA	-	-
	21,709 Wallace E. Martin	W5WXI	Carrizo Springs, TX	J.P. Bill	ND5C
	21,710 Vera E. Pratt	N4HAZ	Ellenton, FL	Corby B. Pratt	K4WV
07-11-88	21,711 Edward G. Stiles	WA7P	Tucson, AZ	Esther Given	W6BDE
	21,712 Heiner Treiber	DF2TU	Kirchentellinsfurt, Germany	-	-
	21,713 Karl Heinz Herfurth	DJ60I	Munchen, Germany	-	-
07-12-88	21,714 Richard L. Mrsny	WAØFTH	Waterloo, NE	-	KØIXY
	21,715 Robert K. Welch	KE5IC	Spring, TX	-	-
	21,716 Gary E. McClellan	KD7E	Phoenix, AZ	-	-
	21,717 Hughy E. Hearn	K4PMT	Pensacola, FL	-	-
	21,718 Louis C. Lockhart	W51EE	Baton Rouge, LA	E1 Charlton	W5MD
	21,719 Saul B. Dinman	K1PDX	Littleton, MA	-	W1FXQ
	21,720 Richard Duff McRoberts	NFØU	Loveland, CO	-	-
	21,721 James T. Dwyer	K7YIN	Wolf Point, MT	Ted Heithecker	W5EJ
	21,722 Samuel F. Vance III	W4BUD	Roanoke, VA	-	-
	21,723 Frank L. Curtis, Jr.	WØVQC	Virgil, SD	-	WØHOJ
	21,724 Thomas D. Wingo	W4MFR	Mount Pleasant, SC	Cecil A. Sills	W4HDO
	21,725 Dan H. McLean	WA4JTI	Greeneville, TN	-	-
07-13-88	21,726 Joe Dexter McIntyre	WA4ZIA	Stanfield, NC	-	-
	21,727 George Lloyd John	W5TXP	Austin, TX	Roy S. Miller	W5FOZ
	21,728 John C. Aegerter	WA9GAR	Brookfield, WI	-	-
07-14-88	21,729 Peter F. Christensen	VE6LP	Calgary, Alberta, Canada	-	VE6PV
	21,730 Irvin M. Sanders	K3IUY	Harrisburg, PA	Glenn R. Kurzenknabe	K3SWZ
	21,731 Warren L. Schall	K9IZV	Milwaukee, WI	Rich Regent	K9GDF
07-18-88	21,732 Greg Grambor	WB2GMK	Palisades Park, NJ	-	-
	21,733 Joseph E. Kern	W4MET	Jacksonville, FL	Claude E. Belcher	K4DBM
07-19-88	21,734 Ervin Greene	W7EU	Salt Lake City, UT	Bill Vaughan	W7CKD
	21,735 Edward B. Wylie	AA4EJ	Atlanta, GA	-	-
07-21-88	21,736 Allen P. Swicinski	WB2PQG	Hopatcong, NJ	-	-
	21,737 David L. Flanders	WC8L	Akron, OH	-	-
	21,738 Slaughter Brandon Reed	W4DXB	Birmingham, AL	-	-
07-22-88	21,739 W.H. Wilbur	W8RFV	Lexington, MO	-	-
	21,740 David R. Walter	WA5GUL	Bakersfield, CA	-	-
07-26-88	21,741 James F. O'Connor	W6NPT	Belvedere, CA	Russel A. Estep	-
	21,742 Hugh W. Quigley	N4LLD	Fairfield Glade, TN	Ted Heithecker	W5EJ
	21,743 Christopher R. Wincey	N1BKR	Forked River, NJ	Ralph Burns	K2RB
07-28-88	21,744 Ed Joy	AA4TH	Stone Mountain, GA	-	W5KL
	21,745 W. David Paperman	WQ5Y	Houston, TX	W.H. Pierce	-
07-29-88	21,746 Donald E. Perry	WA6FFR	Burney, CA	Ted Heithecker	W5EJ
	21,747 Helen R. Fox	WA6KWA	Desert Hot Springs, CA	Bruce W. Peterson	W6JWL
08-03-88	21,748 Richard F. Blom	K3LNI	York, PA	R. Shaub	W3AXC
	21,749 Robert E. Fox	WA6KWB	Desert Hot Springs, CA	Bruce Peterson	W6JWL
	21,750 Fay P. Wilson	WB4CLG	Bradenton, FL	-	-
	21,751 Robert L. McMullen	KA7KIK	Laramie, WY	R.G. Wunder	WA7WFC
	21,752 James R. Shultz	W3MYK	York, PA	R. Shaub	W3AXC
	21,753 Larry J. Reeves	WAØGKZ	Kansas City, MO	Ronald R. Wood	KØBRO
	21,754 Myron W. Manker	W5MF	Wichita Falls, TX	-	-
	21,755 Eddie Justice	WA4JJY	Antioch, TN	-	-
	21,756 Wesley M. Bell	W7QB	Yachats, OR	-	W5KL
	21,757 E. Robert Bossmann	NW9H	Frisco, TX	-	-
08-05-88	21,758 Fred R. Cook	KE5LP	Lafayette, LA	-	-
	21,759 John F. Trautvetter	K2IGH	Forked River, NJ	Walter Creuz	W2CIY
	21,760 Ronald R. Radican	KE5AX	Sacramento, CA	-	-
	21,761 Walter C. Steele	K5FRK	Georgetown, TX	-	W5LHX
	21,762 Walter G. Schleicher	KE2GY	Setauket, NY	-	-
	21,763 John H. Perkins	W4HYU	Claxton, GA	-	-
	21,764 Leonard Frank	K2TLW	Studio City, CA	-	-
08-08-88	21,765 Per O. Lomeland	LA8PF	Alta, Norway	-	-
	21,766 Michael J. DeFrancesco	K8KVN	Ypsilanti, MI	-	-
	21,767 Cyril E. McClellan	W6TOM	Orem, UT	Clayton Clark	AC70
	21,768 Esther H. Larson	K6CXN	Roseville, MN	-	-
08-09-88	21,769 Jack R. Main	W4YCZ	Norfolk, VA	Jim Wise	W4PRO
	21,770 Merrick Jarrett	VE3CZ	Kitchener, Ontario, Canada	-	VE3RE
	21,771 Gene Bithner	WA5ETK	Amarillo, TX	-	-
	21,772 John R. Meyer	NZ9Z	Kellnersville, WI	Richard R. Regent	K9GDF
08-12-88	21,773 George O. Herkert, III	W2LWS	Eugene, OR	Jim Walsh	W7LVN
	21,774 William Ralph Ambler	VE3CFY	Burlington, Ontario, Canada	-	-
08-17-88	21,775 Henry L. Fry	WD6FRS	Fresno, CA	-	-

Members Newly Enrolled In QC WA

21,776	Craig D. Fry	WL7C	Elliot, ME	Henry L. Fry	-
21,777	Bruce J. Brown	WA9GVK	Falls Church, VA	Ethel Smith	K4LMB
21,778	Mathew Raiken	WB2JJW	West Caldwell, NJ	-	-
21,779	Stephen M. Wasserman	KK4PV	Atlanta, GA	E.J. Kosobucki	K4JNL
21,780	Valfried, J. Bibo	WA6PGM	Las Vegas, NV	Harry Friedman	-
21,781	Earl G. Gross	WB6MBT	Sun City, CA	W.R. Jooa	W6EKW
21,782	Karl L. Stoeckl	W3BYD	Lancaster, PA	Wes Randles	W4COW
21,783	Clark G. Berry	K4GJB	Arlington, VA	-	K4PDA
21,784	Richard F. Bernd	W3YPS	York, PA	Elmer Hauer	W3IXG
21,785	Timothy N. Taylor	K4SAD	Harrisonburg, VA	Perry F. Crabil, Jr.	-
21,786	David Ruminiski	WA30JH	Oakdale, PA	Nathan S. Firestone	W3SVJ
08-18-88	21,787 Paul C. Thompson	N6PC	San Diego, CA	Robert L. McDonald	KE6VB
08-19-88	21,788 Douglas R. Smith	WA7PYO	Idaho Falls, ID	-	W7CKD
	21,789 Keith G. Beebe	KV3J	Camp Hill, PA	-	-
08-23-88	21,790 Louise E. Burnett	N7AZW	Blackfoot, ID	C.E. Burnett	WA7FUP
	21,791 Thomas E. McDonald	W1MRJ	Bellevue, FL	Adis Henry	W4PFJ
	21,792 Jerry Kelly	NX2M	Albany, NY	-	-
	21,793 Joe Moreno	W9RU	Las Vegas, NV	L.M. Norman	W7PBV
08-24-88	21,794 William M. Omnen	KD7EO	Boulder City, NV	K.L. Dixon	K7AXT
	21,795 Wallace K. Bradley	K7CDA	Island Park, ID	-	W7CKD
	21,796 Arnold Eugene Armes	K7CRS	Hayward, CA	-	W7CKD
	21,797 Robert M. Webster	K7WHY	Challis, ID	-	W7CKD
	21,798 Merrill L. Tibbets	WE7J	West Jordan, UT	-	W7CKD
	21,799 Frederick L. Parke	W7OSQ	Albion, ID	-	W7CKD
	21,800 Stephen C. Peterson	K17L	Salt Lake City, UT	-	W7CKD
	21,801 Preben H. Nielsen	K7KMZ	Salt Lake City, UT	-	W7CKD
	21,802 John M. Fearon	W4WKP	Loganville, GA	Neil R. Foster	KC4MJ
08-26-88	21,804 Stanley K. Hoffman	K3F0B	York, PA	William H. Boyer	-
	21,805 Robert W. Naylor	VE3AEE	Weston, Ontario, Canada	-	-
	21,806 Ruby Greene	W7GIM	Salt Lake City, UT	-	-
08-30-88	21,807 Thomas N. Cairns	K1WWU	Niantic, CT	Joe Moskey	W1JMY
	21,808 Edward E. Moore	WB4WCR	Baton Rouge, LA	El Charlton	W5MD
	21,809 Malcolm George Owens	W7AMR	Portland, OR	Wes Randles	W4COW
	21,810 Ronald A. Weiss	W90FF	Indianapolis, IN	Louie W. Linthecome	K9EAT
	21,811 William Talbert Chapman	AA6JZ	Bonita, CA	-	-
08-31-88	21,812 W.C. Hazell	W4TAD	Seminole, FL	Wes Randles	W4COW
09-01-88	21,813 Wolfgang J. Landgraf	DL9HC	Landenburg, FRG	-	-
	21,814 Axel F. Grams	DL6GX	Alfeld, FRG	-	-
	21,815 David G. Stultz	K7QCW	Tucson, AZ	Lew McCoy	W1ICP
09-06-88	21,816 Dave Bartholomew	K7UAP	Bothell, WA	Don Rose	W7JPH
	21,817 Earl J. Evans	K4VTJ	Stone Mountain, GA	Neil R. Foster	KC4MJ
	21,818 Hugh C. Blair	N4FMA	West Palm Beach, FL	Leon A. Katz	K2EWB
	21,819 John E. Gray	K7GFZ	Phoenix, AZ	-	-
09-07-88	21,820 Albert E. Linden	W3KYL	Palm Beach Gardens, FL	Leon A. Katz	K2EWB
	21,821 Melvin J. Hamilton	N4DYI	Durham, NC	-	-
	21,822 Louis J. Beaudet	K6TMB	Los Altos, CA	-	-
09-09-88	21,823 Lowie C. Ritchey, Jr.	W50WS	New Braunfels, TX	Adis M. Henry	W4PFJ
	21,824 John F. Elwood, Jr.	K1HOF	Beverly Hills, FL	-	-
	21,825 Allen J. Stephenson	W0TSY	Wichita, KS	-	-
	21,826 Keith R. Anderson	K7SAJ	Pleasant Grove, UT	-	-
	21,827 William R. Cannon	W9KYP	Clearwater, FL	-	K4JMH
	21,828 Richard J. Casey	AB1U	Plantsville, CT	-	-
	21,829 John C. Roberts	N2DSX	Linwood, NJ	-	-
	21,830 Cecil L. Miller	K7YVH	Saint George, UT	Bill Vaughan	W7CKD
	21,831 Robert C. Wattleworth	K9EAN	Tarpon Springs, FL	-	-
09-12-88	21,832 Donald K. Johnson	W6AAQ	Esparto, CA	-	-
	21,833 Craig William Vagell	WB2HJW	Cedar Knolls, NJ	Al Helfrick	K2BLA
09-13-88	21,834 Ross W. Forbes	WB2GFJ	Los Altos, CA	Leland Smith	W5KL
	21,835 James W. Manning	KA6CBW	Clatskanie, OR	Jim Walsh	W7LVN
	21,836 Merritt B. Eells	W7PQQ	Mercer Island, WA	-	-
	21,837 Michael D. Hart	K7ZVV	Longview, OR	Leland Smith	W5KL
	21,838 Roger Steyaert	K7RXV	Aloha, OR	Leland Smith	W5KL
	21,839 Larry E. Oakley	W7AAA	Reno, NV	Leland Smith	W5KL
	21,840 W. Dale LeBarron	W7FBP	West Linn, OR	Merle McLaughlin	W7DNY
	21,841 Wesley J. Allen	K7WNG	Aloha, OR	Leland Smith	W5KL
	21,842 Louis Stevenson	N7JQL	Sequim, WA	Merle McLaughlin	W7DNY
	21,843 Michael A. Tondreau	W7BBR	Milwaukee, OR	Merle McLaughlin	W7DNY
	21,844 Bruce Prior	VE7CKF	Victoria, BC, Canada	Leland Smith	W5KL
	21,845 William W. Freiday	WA7JAM	Tacoma, WA	Jim Walsh	W7LVN
	21,846 Larry Wassman	NV7J	Lacey, WA	Jack Barber	W1PRT
	21,847 Larry Friedman	WB2KHO	Jamaica, NY	Leland Smith	W5KL
	21,848 Ezra John Adams	W7GZN	Yakima, WA	Jim Walsh	W7LVN
	21,849 Thomas H. Housenfluck	W5HYD	Nederland, TX	Leland Smith	W5KL
	21,850 William E. Daly	WG6Z	Saratoga, CA	Leland Smith	W5KL
	21,851 Howard H. Ragan	K7ATU	Cornelius, OR	Leland Smith	W5KL
	21,852 Robert A. Peschka	K7QXG	Aloha, OR	Jim Walsh	W7LVN
	21,853 Dave Becker	K7PRZ	Portland, OR	Leland Smith	W5KL
	21,854 Ronald M. Gould	KD7RJ	Tualatin, OR	Norris Bundy	W7ILE

Members Newly Enrolled In QC WA

21,855	George K. Ono	K6FNS	Oakland, CA	Leland Smith	W5KL
21,856	John Nydam	WA7TDJ	Canyon City, OR	Norris Bundy	W7ILE
21,857	Capp Blaumer	K7WSG	Milwaukie, OR	Ted Heithecker	W5EJ
21,858	Carmine Tomaceilli	W7RBE	Portland, OR	Jim Walsh	W7LVN
21,859	Bill Kent	W7MNA	La Conner, WA	Jim Walsh	W7LVN
21,860	Denis G. Lawrence	W7HWR	Tacoma, WA	Jim Walsh	W7LVN
21,861	Gerald B. Dimmitt	WA6FCY	Vancouver, WA	Jim Walsh	W7LVN
21,862	Stanley Holm	N7LBK	Portland, OR	Jim Walsh	W7LVN
21,863	Arnold D. Sias	WA7FAB	North Bend, OR	Jim Walsh	W7LVN
21,864	Thomas A. Curran	W7UAB	Los Altos, CA	Jim Walsh	W7LVN
21,865	Jim Hartwell	K7UDG	Lake Stevens, WA	Jim Walsh	W7LVN
21,866	Richard C. Prather	K7KTP	Portland, OR	Jim Walsh	W7LVN
21,867	Carl A. Hoff	WB7DJR	Lynnwood, WA	Jim Walsh	W7LVN
21,868	Donald C. Bennett	KB7DLS	Applegate, OR	Jim Walsh	W7LVN
21,869	May Smith	W7P10	Waldport, OR	Jim Walsh	W7LVN
21,870	Robert C. White	N7IZ	Waldport, OR	Jim Walsh	W7LVN
21,871	El Duane Whatley	K7ULT	Woodburn, OR	Greg Combs	K7ZX
21,872	Robert O. Schulz	N17Q	Anaconda, MT	Jim Walsh	W7LVN
21,873	Gregory D. Hodsdon	K7KJM	Portland, OR	Jim Walsh	W7LVN
09-14-88	21,874	Robert S. Darke	W4MHF	Charlotte, NC	W7LVN
	21,875	William S. Borzik	WØKS	Katy, TX	-
	21,876	Reg Olson	NH6T	Palm Springs, CA	-
	21,877	Robert L. Beebe	W6SHF	Fremont, CA	Roger Spindler
	21,878	John Mac Neill	K7AIM	Ocean Park, WA	Scott Negahart
	21,879	Myles Greene	K4SES	Broxton, GA	-
	21,880	Dan Owen	W5AHC	Austin, TX	Joe Makeever
	21,881	Michel Y. Roy	K9GU	Marshfield, WI	Gene Satoski
09-19-88	21,882	John T. Cuff III	W7KUT	Eugene, OR	Jim Walsh
	21,883	Vincent A. Vanderhyde	WK7Z	Salem, OR	-
	21,884	William C. Grazier	K6AE	San Diego, CA	Bert Ayers
	21,885	Gary L. Sawyer	WA6KGK	Fullerton, CA	Gene M. Stephens
	21,886	Leroy Ernest Jones	W7BKT	Sheridan, OR	-
	21,887	Chester Ludlam	WA5CMC	Wichita Falls, TX	David Combs
	21,888	Thomas M. Menas	K3WT	Burnsville, MN	-
	21,889	Robert L. Willett	K9UML	Brookfield, WI	-
09-20-88	21,890	Warren Taylor	WB6FCS	Hesperia, CA	Bert Ayers
	21,891	Joe J. Zitzka	NR6V	Anaheim, CA	Bert Ayers
	21,892	Jack E. Maher	W1VVK	Lyme Center, NH	-
	21,893	Gary W. Gabrick	KB6TWP	Cypress, CA	-
	21,894	Joseph L. Pontek, Sr.	K8JP	Roseville, MI	-
	21,895	George A. Sellnau	W5LIA	Houston, TX	Jim Walsh
	21,896	Edward J. Roche, Jr.	K4YEX	San Antonio, TX	Leland Smith
	21,897	Ray C. Schryver	W7JEP	Lynnwood, WA	Merle R. McLaughlin
09-27-88	21,898	Wiley J. Walters	W7QAA	Salt Lake City, UT	Bill Vaughan
	21,899	Tatsuo Suzuki	W9BA	Fountain Valley, CA	Ray A. Furlong
	21,900	Greer W. Craig	AA5HN	El Paso, TX	Robert Carroll
	21,901	Robert K. Ciampa	N6JUK	Orange, CA	Richard Carter
	21,902	Edward L. Krieg	W3CAY	Ellicott, MA	Frank P. Fix
	21,903	James J. Torrey	WA8GTZ	Tucson, AZ	-
	21,904	Eruc H. Graviwsju	WA8HEB	Chagrin Falls, OH	-
	21,905	Theodor Lenzen	WA7EII	Salt Lake City, UT	Bill Vaughan
09-28-88	21,906	Allie A. Jojo, Jr.	K9F1J	Virginia Beach, VA	Jim Wise
	21,907	Richard A. Vogel	W4XB	Virginia Beach, VA	Jim Wise
	21,908	William H. Holcombe	W5TFT	El Paso, TX	-
	21,909	Gregory W. Teufel	WA7BPA	Seattle, WA	-
	21,910	John C. Sharp	WA4GNL	Mobile, AL	-
	21,911	Fred Payton, Jr.	KC5SH	Pasadena, TX	Bob Cox
	21,912	Albert B. Rowland	W3JIL	Wawa, PA	-
	21,913	Earl E. Brown III	WB6JAF	Montara, CA	Esther Given
10-04-88	21,914	Joseph A. Reid III	K2JAO	Basking Ridge, NJ	Carl A. Felt, Jr.
	21,915	Alan W. Goughnour	K3PQZ	York, PA	John Shaffer
	21,916	William E. Barefoot	W3UQJ	York, PA	John Shaffer
	21,917	Donald N. Roden, Jr.	WA4NPL	Huntsville, AL	Ethel Smith
	21,918	Marshall A. Lipscomb	WA9CYK	North Ridgeville, OH	-
	21,919	Sherman W. Hart	W5BLB	Austin, TX	-
	21,920	Auguste Schwab, Jr.	K2LGS	Boynton Beach, FL	Leon Katz
	21,921	Thomas R. Snyder	W3TAT	Glen Rock, PA	Ray Shaub
10-05-88	21,922	Rick Barnett	KBØU	Overland Park, KS	Lee Bergren
	21,923	Roger A. Strom	KØVPP	Kenosha, WI	Robert N. Jensen
	21,924	John J. Paganelli	WA1AWR	Milford, MA	Jim Walsh
	21,925	William J. Plante	K1PPN	Westbrook, ME	Jim Walsh
	21,926	M. Bud Harris	W6JZZ	Lunenburg, MA	Onie Woodward
	21,927	James P. Campbell	W3MHZ	Sherborn, MA	Onie Woodward
	21,928	Richard L. Landau	W1IBN	Framingham, MA	Onie Woodward
	21,929	Charles "Paul" Corbett	W1WMO	Windham, NH	Onie Woodward
	21,930	Frank N. Clark	W1OAY	Salem, MA	Jim Walsh
	21,931	John E. Stewart	KA1GET	Hudson, NH	Onie Woodward
	21,932	Stephen C. Schwarm	W3EVE	Wrentham, MA	Jim Walsh

10-06-88	21,933 Michael D. Hagen	W00Q	Wellesley, MA	Jim Walsh	W7LVN
10-10-88	21,934 James S. Gessner	K1YS0	Jamaica Plain, MA	Jim Walsh	W7LVN
	21,935 Elliot Schwartz	W2DIE	Peekskill, NY	G. W. Hellman	NA2M
	21,936 John H. Evans	K3SQ0	Kingsley, PA	-	-
	21,937 Kenneth R. Curwin	KE8MA	Lexington, OH	-	-
	21,938 Paul A. Tilden	N40IE	Sebring, FL	E. F. Daughtrey	NS4R
	21,939 Bob Nordstrom	K01FJ	Wichita, KS	-	-
	21,940 John F. W. Minke III	N6JM	Carmichael, CA	Ted Heithecker	W5EJ
	21,941 Frank W. Karnauskas	NF0K	Bloomington, MN	-	-
	21,942 Carroll "Cal" C. Walker	K4NTY	Charlotte, NC	M. L. Buchanan	W4DSU
	21,943 Ernest Adolphus Lynch	W4UDY	Portsmouth, VA	-	-
	21,944 John W. Morehead	N9HRS	Elk Grove Village, IL	-	-
	21,945 Frederick J. Daukantas	N6SFD	Santa Monica, CA	-	-
10-12-88	21,946 John Pristash	N8JGL	Olmsted Township, OH	-	-
	21,947 William J. Tammen	W9KEP	Erie, PA	Bert Van Houten	W3TPW
	21,948 Gordon J. Kennett	WK5A	Eureka Springs, AR	-	-
	21,949 Robert C. Twomey	W60ZB	Los Angeles, CA	Joseph La Manna	W6HPE
	21,950 Jean M. Proctor	WB6IEK	Antioch, CA	-	-
	21,951 Edwin E. Davenport	WA4VVY	Hampton, VA	Jim Wise	W4PRO
10-17-88	21,952 Gerald D. Stockinger	K9G0Z	Sturgeon Bay, WI	Richard R. Regent	K9GDF
	21,953 John J. Martinez	K6SVO	San Diego, CA	-	-
	21,954 Douglas N. Zuckerman	W2XD	Freehold, NJ	-	-
	21,955 Herbert H. Hyatt	K2HRN	Ridgewood, NY	-	-
	21,956 Fred Stolte	W9UFW	Pelham, NH	-	-
10-18-88	21,957 Richard E. Carlsen	W2EZR	Port Jefferson, NY	William Blaumer	K7ZED
	21,958 Sterling E. Stroy	WA7TIC	Oregon City, OR	-	-
	21,959 Hiram N. Fisher	WA8FQW	Akron, OH	-	-
	21,960 Pete Stark	KB8DA	Huntington, WV	-	-
	21,961 Lewis J. Nutter	KA1NKZ	Bangor, ME	-	-
	21,962 Harold L. Carraway	W7OSH	Rupert, ID	Bill Vaughan	W7CKD
	21,963 Lyle Letteer	K4CLS	Gainesville, GA	-	-
10-21-88	21,964 Richard W. Arthur	WB2KHH	Charlton, NY	-	-
	21,965 Russell W. Miller	KB7UX	Chino Valley, AZ	-	-
	21,966 Royal W. Kramer	W3ZIF	Allentown, PA	-	-
	21,967 Warren Gregory	W4YZZ	Hanahan, SC	-	-
	21,968 Carl Anderson	VE1BQO	Dartmouth, NS, Canada	-	-
	21,969 Theodore E. Downing	W7KEY	Tucson, AZ	Clement K. Chase	W7GJU
10-25-88	21,970 Frank D. Wilkin	WA8LFZ	South Charleston, WV	-	-
	21,971 Leonard "Jack" Davis	KA8WNO	Coalton, WV	-	-
	21,972 Robert C. Braeger	WA6KER	Riverside, CA	-	-
	21,973 Bernard O. Hinkle	NC8X	New Richmond, OH	El Charlton	W5MD
10-26-88	21,974 Davy L. Winkle	KE8BE	Columbus, OH	Ralph V. Rickett	W8BTW
	21,975 William Edward Highers	WA4MEX	Somerset, KY	-	-
	21,976 Howard Merle Wilson	K6UY	Big Bear Lake, CA	Dick Slepicka	K6IFN
10-28-88	21,977 Robert J. Fulton	W6TNW	Mt. Shasta, CA	-	-
	21,978 Robert W. Schmidt	WA0VNY	Eagle River, AK	Ruth Chance	K5YL
	21,979 Ray Hunter	VE3UR	Etobicoke Toronto, Ont, Canada	-	-
10-31-88	21,980 Charles Foster	W0BZD	Kansas City, MO	Dale F. Appleton	NB7Y
	21,981 Benjamin E. Lamb	K1AUE	Essex Junction, VT	Bob Curtis	W1EXZ
	21,982 Leonard E. Smith	K4BDP	Largo, FL	Ely Nannis	K4JMH
	21,983 Karl Weissbappel	WA9CCQ	La Grange Park, IL	Jack Miller	W9WYN
	21,984 Joseph J. Perry	WA2Z	New Hartford, NY	-	-
11-01-88	21,985 Maurine P. Hattaway	KJ4KG	Kingsport, TN	Robert Embry	W4HHQ
11-02-88	21,986 Richard L. Laurence	KD8QM	Elyria, OH	-	-
	21,987 Fredric W. Martin	K16YN	Thousand Oaks, CA	-	-
	21,988 Olivia Whigham	K4DNL	Marietta, GA	Leland Smith	W5KL
	21,989 Ronald Schwartz	W0DWM	Aurora, CO	-	-
11-04-88	21,990 Richard G. Silverman	K8NKB	Oak Park, MI	Ted Heithecker	W5EJ
	21,991 Vincent T. Sparacino	WX5K	El Paso, TX	Thomas L. Patterson	W5UKY
	21,992 Gerald R. Trudeau	WA8CMC	Sun City, AZ	-	-
11-07-88	21,993 Warren E. Braschwitz	K8KUH	Dearborn, MI	Esther Given	W6BDE
	21,994 Harley D. Flesvig	WB6AWZ	Oroville, CA	Ted Heithecker	W5EJ
	21,995 Ralph L. Holzborn	WM7P	Fircrest, WA	-	-
11-08-88	21,996 Del Seay	KL7HF	Anchorage, AK	Ted Heithecker	W5EJ
11-09-88	21,997 Ervin W. Madsen	W7RO	Salt Lake City, UT	Bill Vaughan	W7CKD
	21,998 Arthur E. McGahey, Jr.	AL7GQ	Jackson, MS	-	-
11-10-88	21,999 Wayne Dodds	KB2ZQ	Piscataway, NJ	-	-

Best Wishes for Christmas
and the
New Year

Barney's Antique Exchange

Managed by Barney Moffatt
W5CJZ

5714 Trail Meadow Drive, Dallas, Texas 75230

Quite a few QCWA Members are interested in the old-times and have suggested that we keep this vehicle to permit QCWA members to swap parts, information and so search for a special bit or part needed to restore, rebuild or go from scratch on old equipment. Barney's Exchange has been popular in this role for more than four years now.

Barney has kept records and corresponded as required to coordinate the whole thing. Whatever you might need in the way of parts, or information, send your requirement to Barney. He'll see that it's published herein, and help in every possible way to see you get those needed items. A few rules for operation of the exchange have been published since the beginning:

- (1) List what you have (or need) clearly
- (2) List what you will accept in trade
- (3) List your asking price if not trade is possible
- (4) If you advertise, hold merchandise for those who will read the Exchange column
- (5) Answer all inquiries

There is no cost to QCWA Members, neither QCWA, its officers, Board of Directors, manager or other agents assume responsibility for loss or misrepresentation to anyone.

WANTED Hallicrafters SX-88 receiver. must be clean. Prefer in good working condx, but repairable is OK. Also want Hammarlund HC-10SSB receiving adapter. Central Electronics Model B 55B slicer, Tymeter 24 hr digital (mechanical drums) clock made by pennwood numechron (must work quietly and have good clean deal wheels-condx of case is not important.

Ben Deovlet, W6FDU
933 Robin Lane
Campbell, CA 95008
408 374 0372

FOR SALE RTTY transmitter Distributor Model #14, new with schematic - \$75.00; RTTY Model 14 typing reperforator, with table, refinished and never used, perfect cdx - \$200.00; 2KD2 Henry KW amplifier, 1970, little used. 3-400Z's replaced with 3-500Z. With schematic, \$500;

FOR SALE or trade, Radio Handbook, 9th edition, 1942, hardbound; Antenna Manual, Woodrow Smith, 1948, hardbound; NRI service manual by John Rider, from late 30's to early 50's, 1598 pp of schematics and parts data; GE Ham News, Vol 6, No. 1 thru Vol 10, No. 6, hardbound.

WANTED 811-A tubes, new, american made, late military type okay; Crystals for a Standard Radio, C-146, handheld, FM unit, 146.97 R - 146.37 X, 147.21 R - 147.81 X.

Warren Snyder, KI6LE
PO Box 676, 505 West Main
Milan, TN 38358
901 686 7126

WANTED - Swan TH4BA 4 elem tribander Mini-Quad; Swan antenna tuner; Swan speaker/pwr supply to match 100 MXA; J-38 key

Jerry Griffin, W8MEP
123 Forest Ave
Pacific Grove, CA 93950
408 649 5705

WANTED RME-9, PR-15, PR-16, PR-10, Sargent Receiver, Early Hallicrafters, Super Sky Rider, H & J Coils for HRO-50T, early catalogs, manuals and literature. Drake R-4C receiver.

Steve Barnes, K6PFW
848 N Silverwood
Upland, CA 91785

WANTED Swan PSU-5 AC power supply!

Wayne G. Shaffer, W3QAN
11 West Neck Road
Waterford, CT 06385
203 443 5913

WANTED Crystals in FT-243 holders. I am collecting the many manufacturers from the past. Let me know who might be in your junk box and how much you want.

Glenn Kurzenknabe, K3SWZ
23 Criage Rd
New Cumberland, PA 17070

WANTED - Barlow Wadley Mark 2-XCR-30 all-wave portable, made in South Africa. Prefer good working order but will take a non-working unit

David Hays, K0KD
5225 Ridgeway Dr
Great Bend, KS 67530

NEED - Service manual (or at least the schematic) for Hammarlund SP-600 receiver. Will swap autographed copy of book "A Flick of the Switch". Xerox copies OK

Morgan McMahon, N6VY
26356 Eastview Ct
San Juan Capistrano, CA 92675

CASH - for Lafayette HA-410 manual or photo copy. Write to:

Al Wilde, W8JZZ
6601 Gasparilla Pines Blvd
Englewood, FL 34224

FOR SALE: QSTs mint condx, 285 issues, Jan 1957 thru Sept 1980. Will accept highest bid over \$75.00. You pick up or pay packing-shipping costs. Moving to retirement cramped quarters.

Millar C. George, K6ZRY
146 Carmel Avenue
El Cerrito, CA 94530

FOR SALE OR TRADE: Complete set Thordarson CHT high-voltage power supply components (acquired 1936).

Roger Place, W8ZRF
6691 Faord Rd R2
Ypsilanti, MI 48198

FOR SALE: National NC 101X parts, all major items. General Radio 75" black rack cabinet \$85. Precision E-200C generator \$25. Collectors list of old test equipment by the pound. Get my list of parts for high-power linear, etc.

Joe Keese, W8VSK
47270 Main
Northville, MI 48167
313 349 5893

WANTED: Old ships clocks, barometers, chronometers, etc. Any nautical items!

Jim Lichy, N0NL
656 Polk Blvd
Des Moines, IA 50312

WANTED - Owners service manual for the Hammarlund HQ-170. Sell Viking Challenger \$50.00 or swap for good grid dipper.

Herbert Rohleider, W3EQL
2535 Eastern Ave
Baltimore, MD 21224

MEMBERSHIP AWARDS AND SUPPLY INFORMATION

AWARDS

CERTIFICATES AVAILABLE TO MEMBERS

MEMBERSHIP CERTIFICATES, numbered in serial order are issued to each member. Numbers are not re-issued except to the same one to whom they were first issued.

QCWA GOLD CERTIFICATES celebrate the 50th anniversary of your first license, issued to eligible members upon proof of such licensing. Certificate issued without charge.

ENDORSEMENTS for the Golden certificate, in 5-year increments, 55-60-65-70-75 year. The endorsement sticker are free of charge to eligible members.

GOLDEN 50-YEAR CERTIFICATE FOR CONTINUOUS LICENSING is available to eligible members upon submission of proof of licensing. There is a \$5 fee. Proof requires a list of all calls, years held and other pertinent information.

QCWA CENTURY CLUB CERTIFICATE is issued to QCWA members whose age when added to the number of years as a member of QCWA equal 100 or more. There is no charge for the Certificate.

MERITORIOUS AWARD is issued by Headquarters, upon the request of any Active QCWA Chapter, one such award per chapter each year. The award may be given to Chapter members for unusual dedication to QCWA & Amateur Radio. There is no charge for the Certificate.

OPERATING AWARD CERTIFICATES

QCWA Operating Award certificates are issued to QCWA members by the Activities Manager. Proof of eligibility is required.

QCWA WORKED 50 STATES awards are issued to QCWA members who have contacted members in each state of the Union.

QCWA WORKED 100 MEMBER awards are issued to QCWA members upon proof of eligibility

QCWA WORKED 60 CHAPTER awards are issued to QCWA members upon proof of eligibility

QCWA WORKED 500 MEMBER awards are issued to QCWA members upon proof of eligibility

IN ADDITION, PLAQUES ARE AWARDED TO THE HIGHEST SCORING MEMBER FOR BOTH THE PHONE & CW QSO PARTIES. Runners up receive certificates.

SUPPLIES

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270 QCWA Gold (Life Member) stamps

\$2.50

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\$2.50

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Irving, TX 75061

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